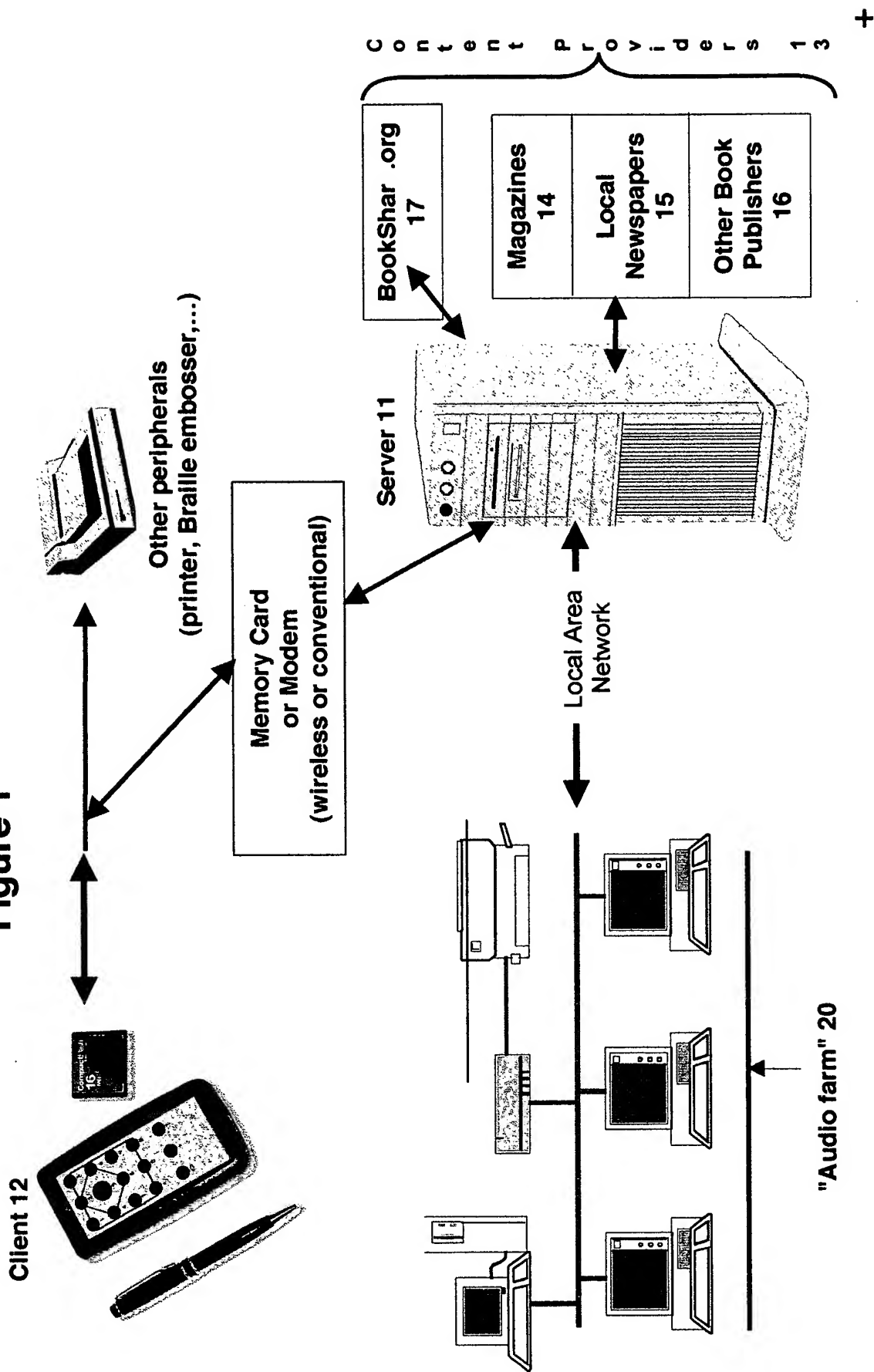


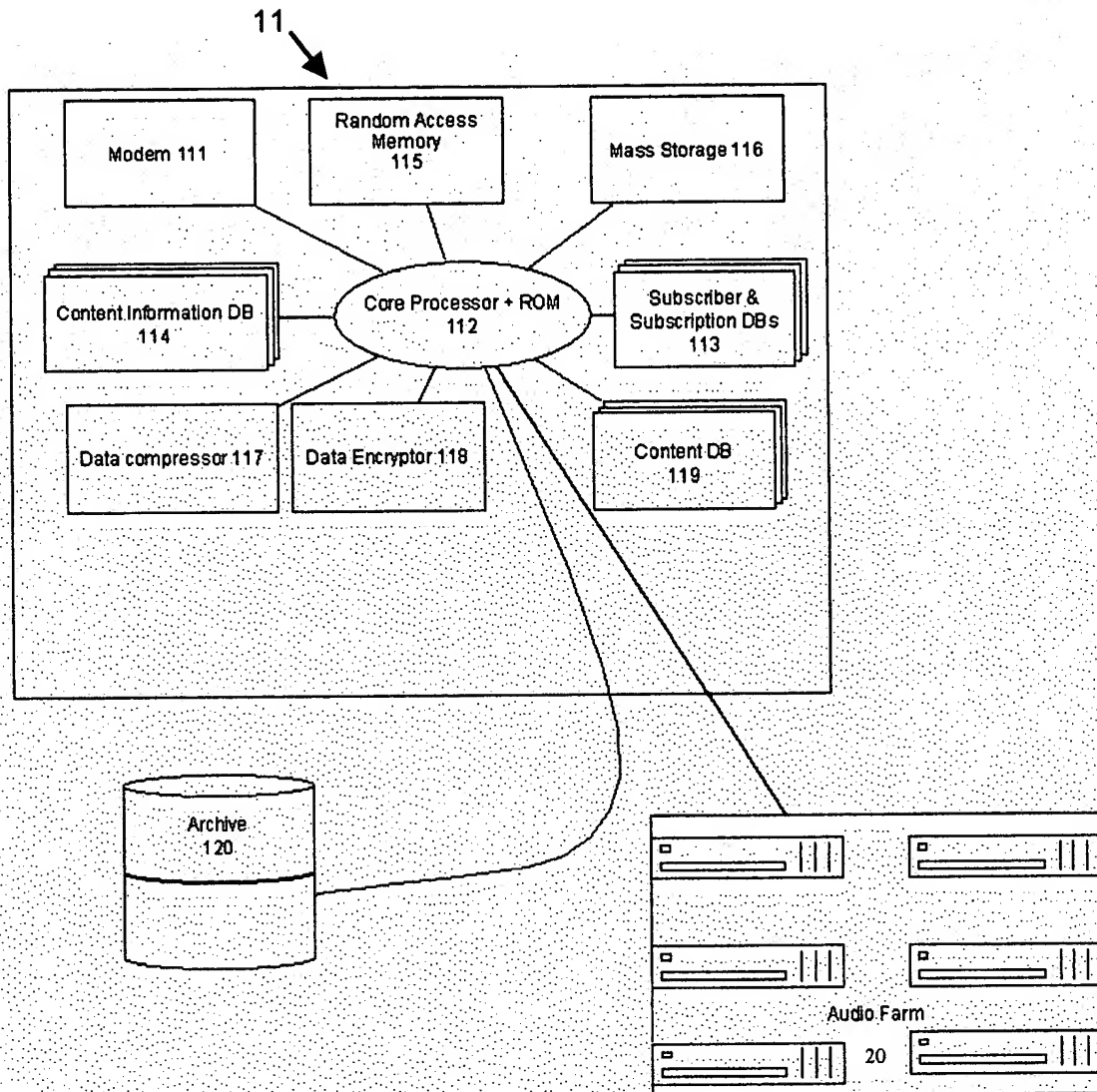
+

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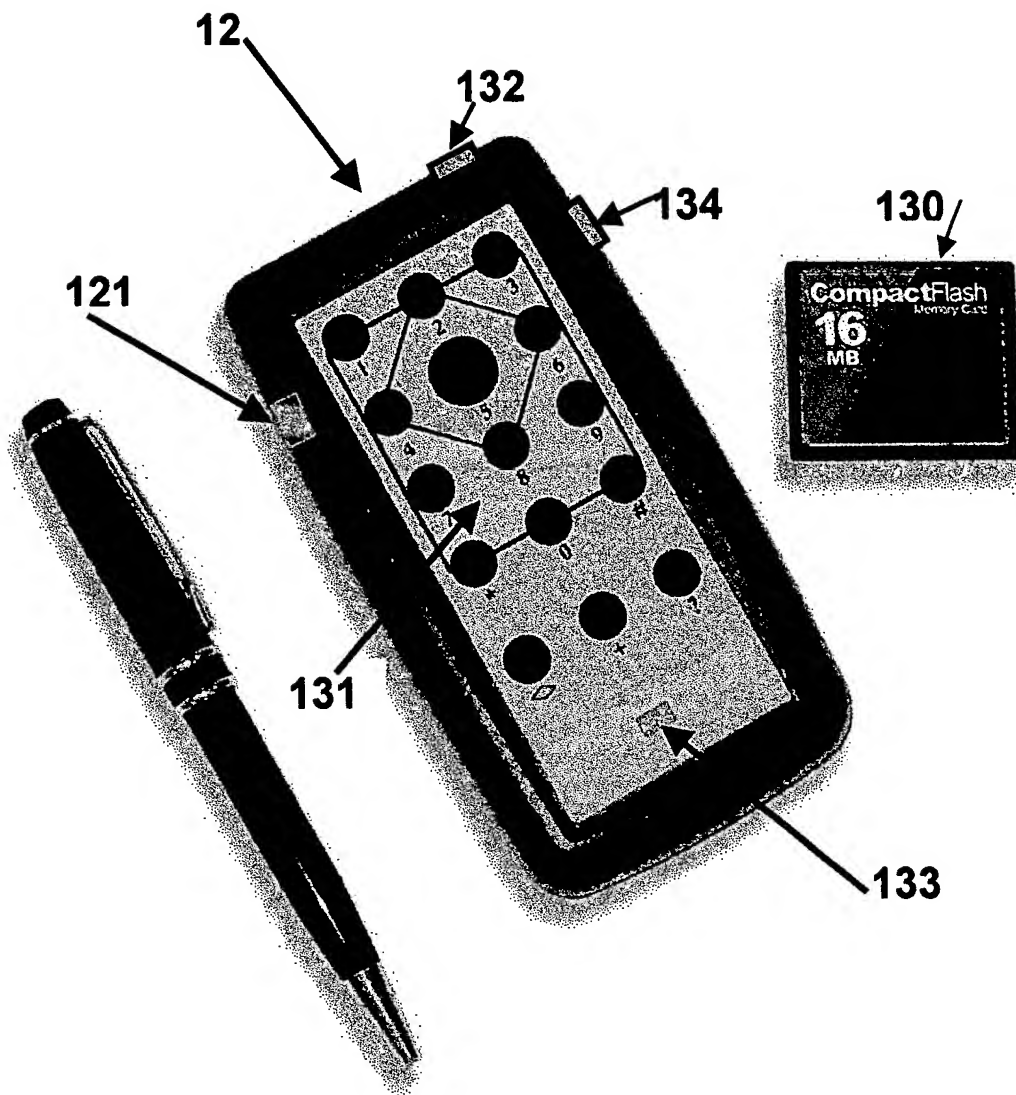
**Figure 1**

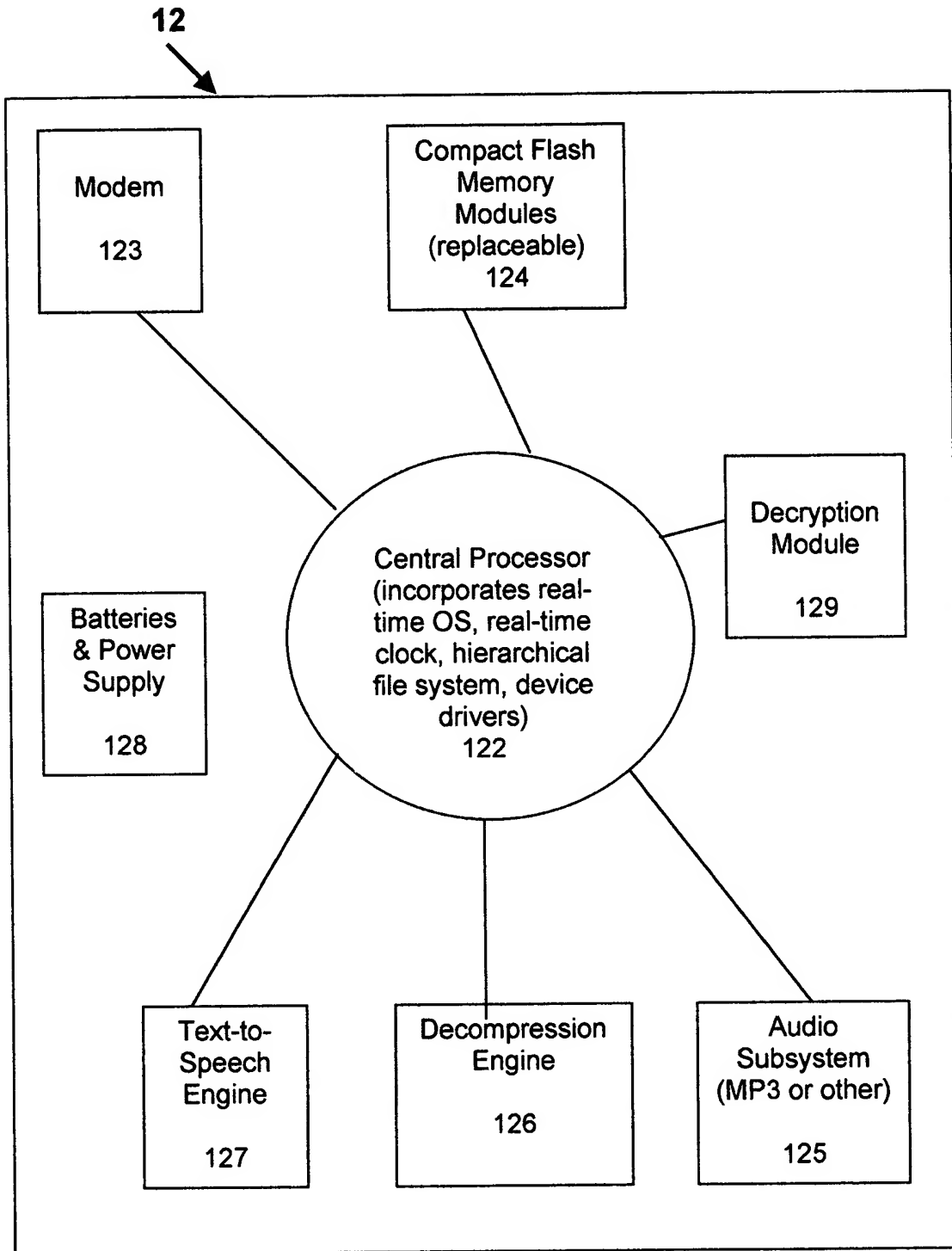


+

**Figure 2**

+



**Figure 4**

## Figure 5

Fields in **bold** indicate pointers to other tables or files

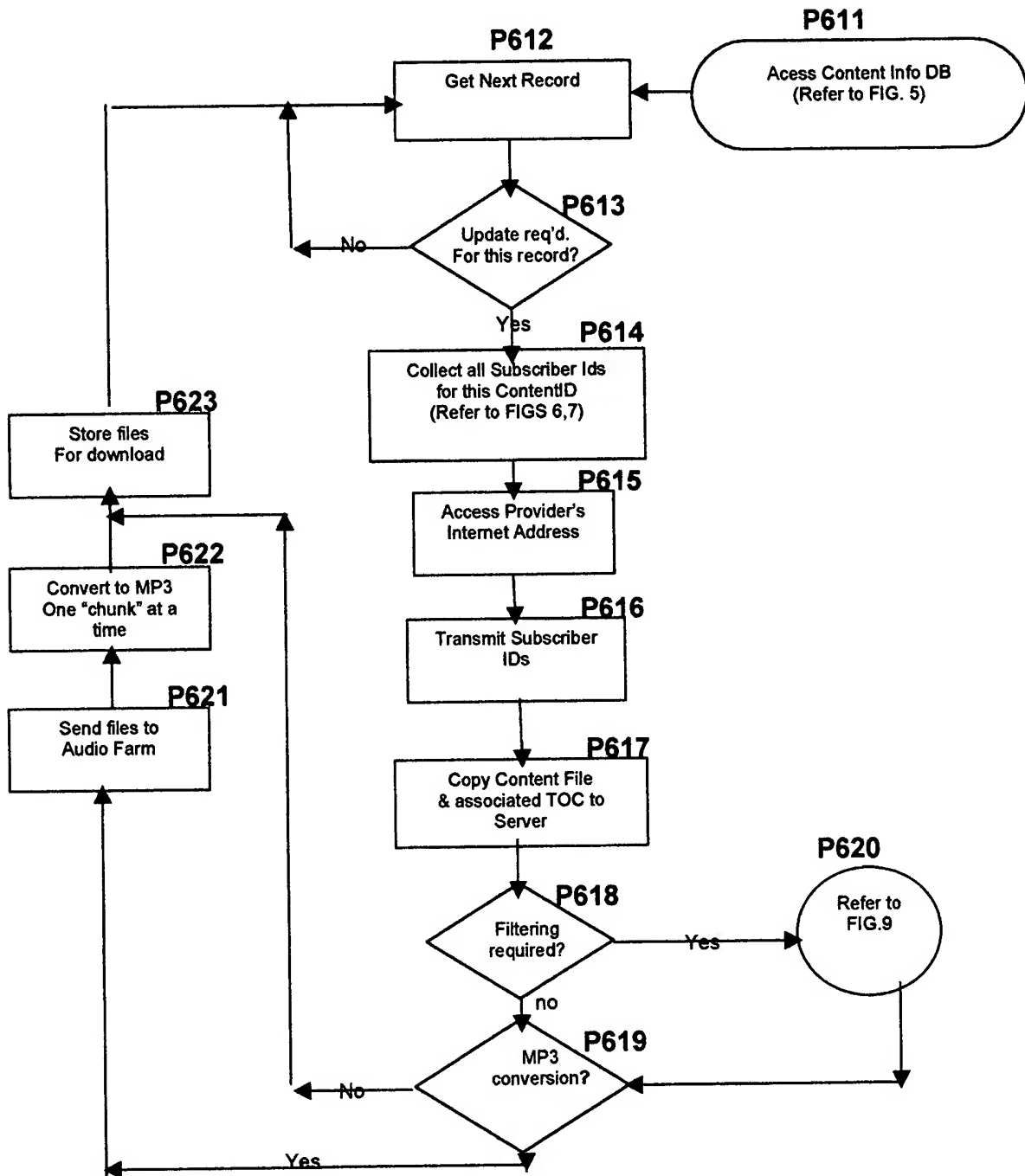
Content ID	Title	Author	Type	Genre	Unit Cost	Version Info	Access Date & Time Freq.	File & Index Loc'n's	Syn. Voice & Index Loc'n's	Provider Name, ID, Addr.
202	204	206	208	210	212	214	216	218	220	222
C11110111	The Human Stain	P. Roth	Book	Contemporary Novel	\$3.25	Ed'n. 1 Pg. 2	3/14/02 once	C1234567 C1234588	NULL	Bookshare.org P003765,www...
C111103244	The General's Daughter	Nelson De Mille	Book	Contemporary Mystery	\$3.40	Ed'n. 1 Pg. 4	11/27/01 once	C8765432 C3456712	MP134957 MP135367	Bookshare.org P003765,www...
C12234511	Berkeley Gazette	Null	Daily Newspaper	Null	\$0.15	4/14/02	4/14/02 daily	C57262488 C57261122	Null	EB Publishers P002436,www...
C12235712	Harpers	Null	Magazine	General	\$1.35	April, 2002	4/5/02 monthly	C14721 C14729	Null	Harper's Foundation P005467,www...

Figure 6

302	304	306	308	202	310	312	314
User ID	Name Address(es) Phones, etc.	Encryption Key	Last Download	ContentID	DisabilityID	SubscriptionID	Notes
U111140	John Doe	13X0EK1114	4/13/02	C122234511 (Berkeley Gazette)	D13760	S144127	Null
U111140	John Doe	13X0EK1114	4/14/02	C122235712 (Harper's)	D13760	S148952	Null
U1111276	Mark Halpern	75SP41823	4/10/02	C122235712 (Harper's)	NULL	S157261	Null

Figure 7

312	302	402	404	406	310
Subscription ID	Client ID	Subscription Details: Start Date, Expiration Date Other related info.	Cost	Subscription Service Address account info	Disability ID
S144127	U111140 John Doe	Start: 11/20/01 Expiration: 11/20/02	\$2.00	HJ Distributors Address Contact name	D13760
S148952	U111140 John Doe	Start: 11/14/02 Expiration: 11/14/04	\$2.50	KL Distributors Address Contact name	D13760
S157261	U1111276 Mark Halpern	Start: 12/15/01 Expiration: 12/15/03	\$3.00	KL Distributors Address 1 Contact name	Null

**Figure 8: Content Updates****Process 600**

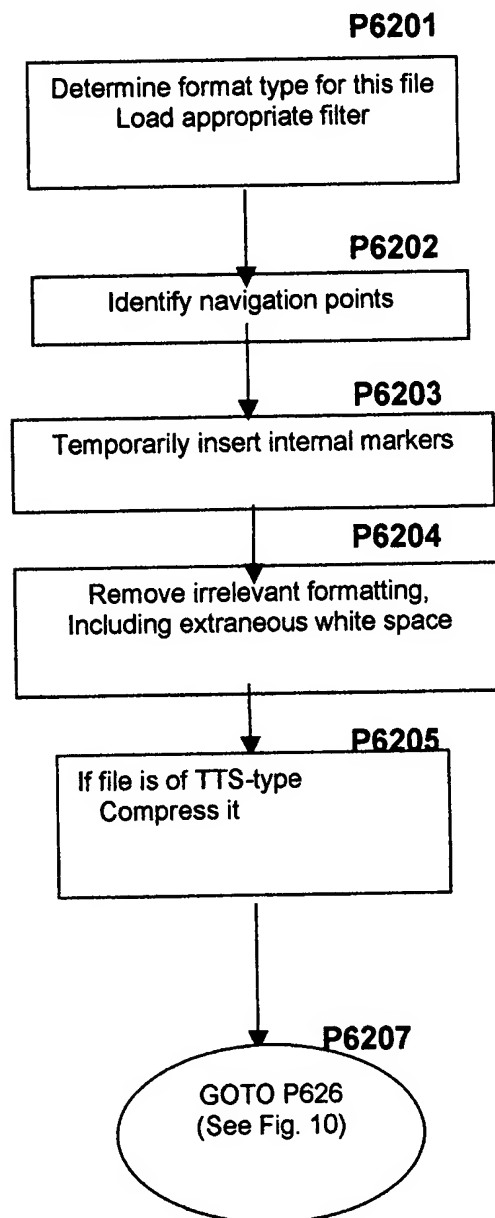


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## Figure 9: Filter a Content File

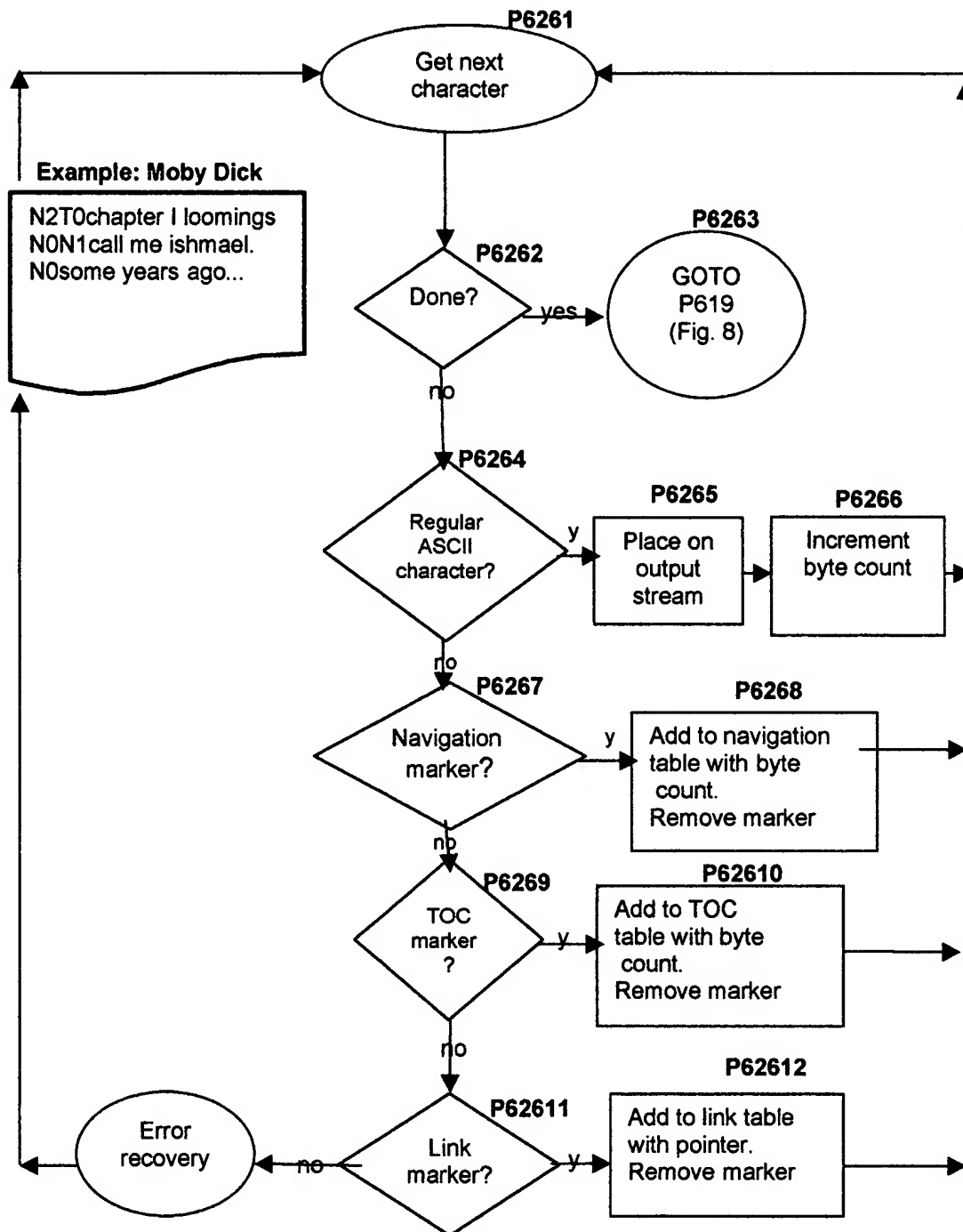
### Process 620



+

## Figure 10: Building Navigation Tables

### Process 626



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## Figure 11

### An Example of Index Tables

(excerpted from the first page of Moby Dick)

**Partial Navigation  
Table**

N2	0
N0	19
N1	19
N0	36

**Partial Table of Contents**

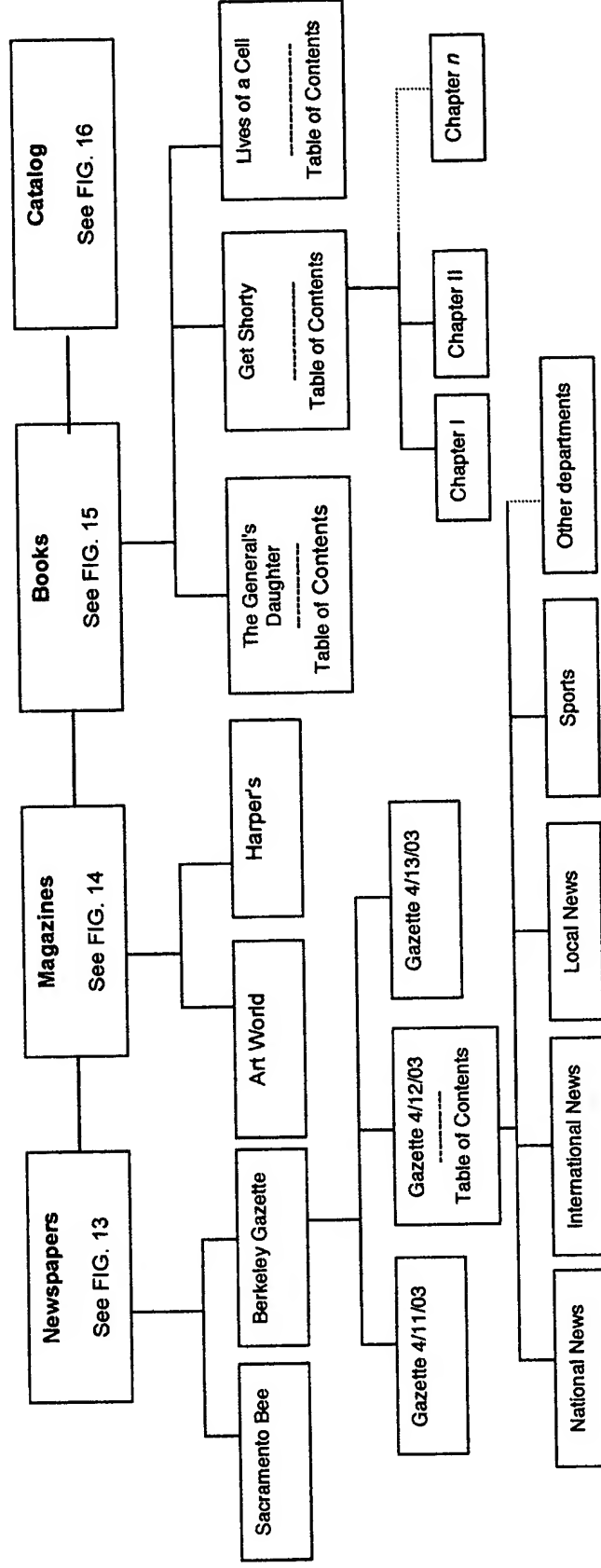
Title	Offset
T0Chapter I loomings	0

T0 - Chapter Mark  
N0 - Begin Sentence Mark  
N1 - Begin Paragraph Mark  
N2 - Begin Page Mark

+

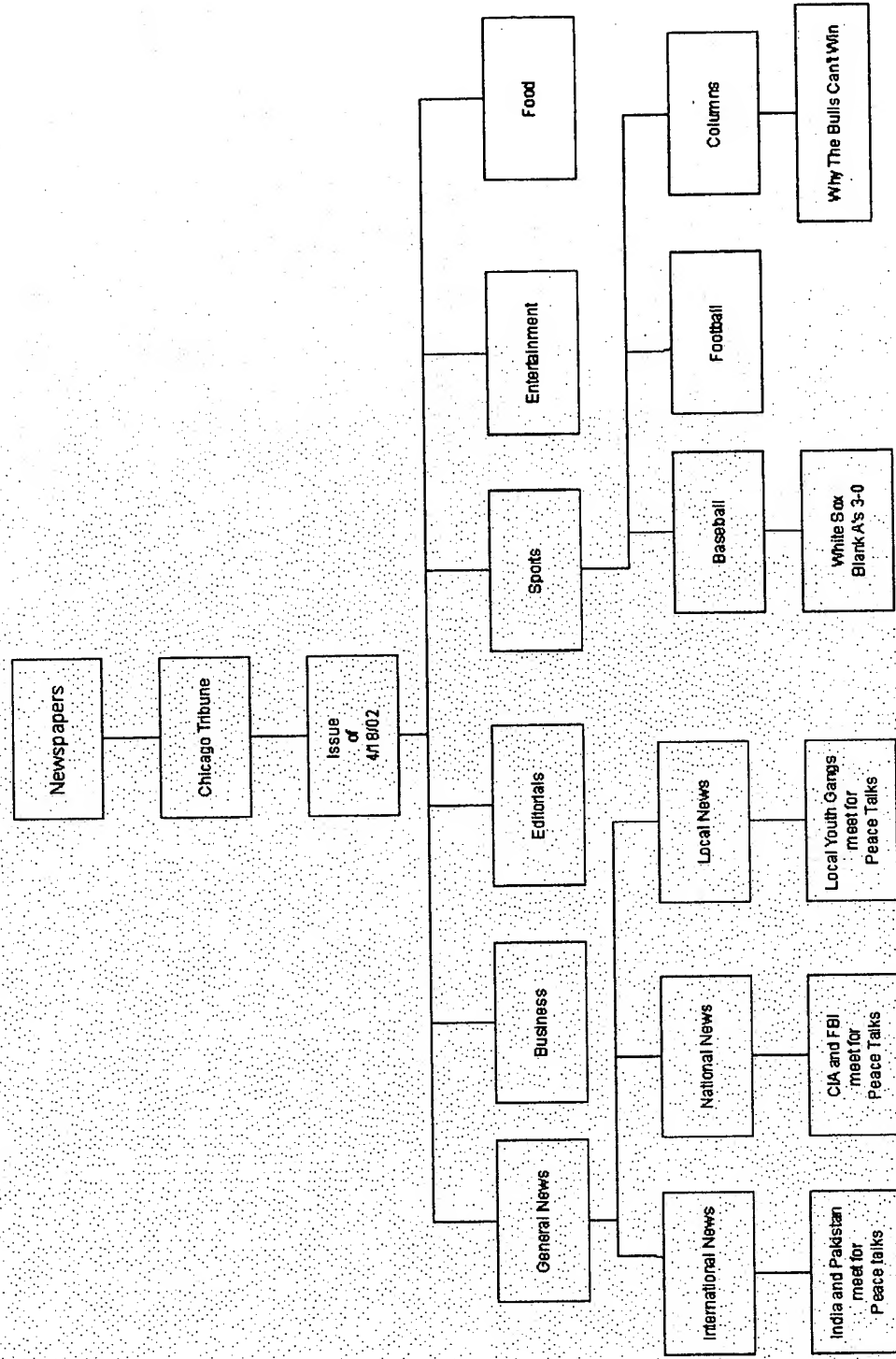
**Figure 12**

Example of "Virtual Library"  
Folder and File Organization  
in Client's File System --  
partially exploded view



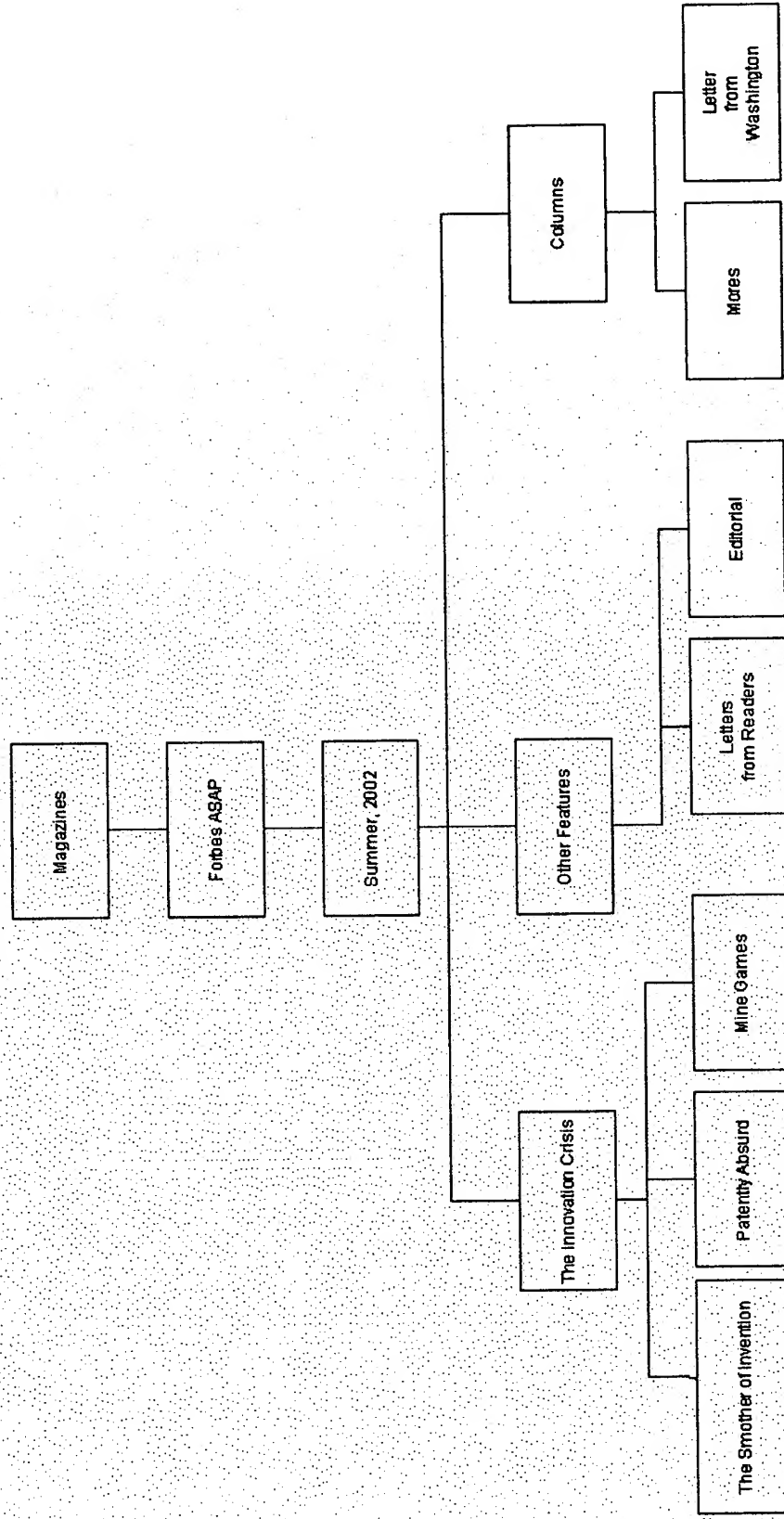
**Figure 13**

Exemplar of Navigation Levels Within A Newspaper - Partially Exploded View



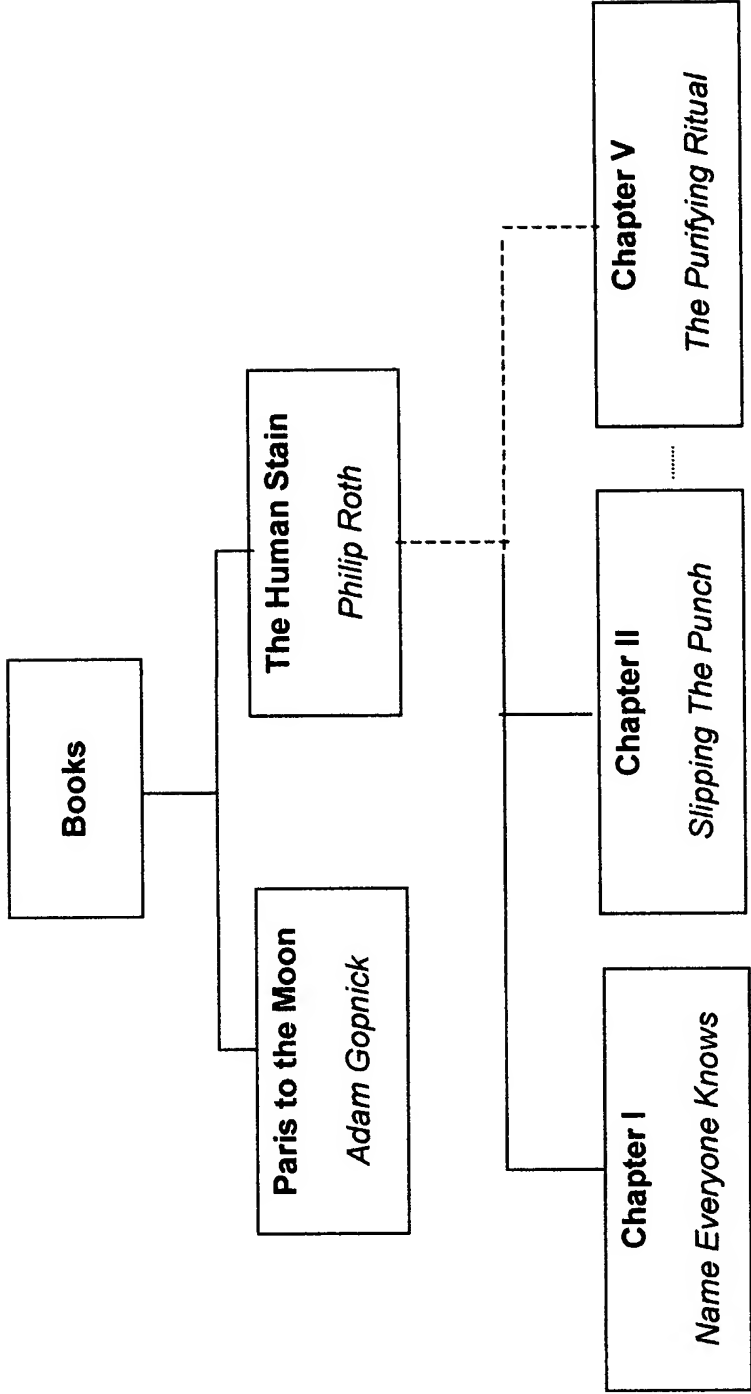
**FIGURE 14**

Exemplar of Navigation Levels Within Magazines  
Partially Exploded View



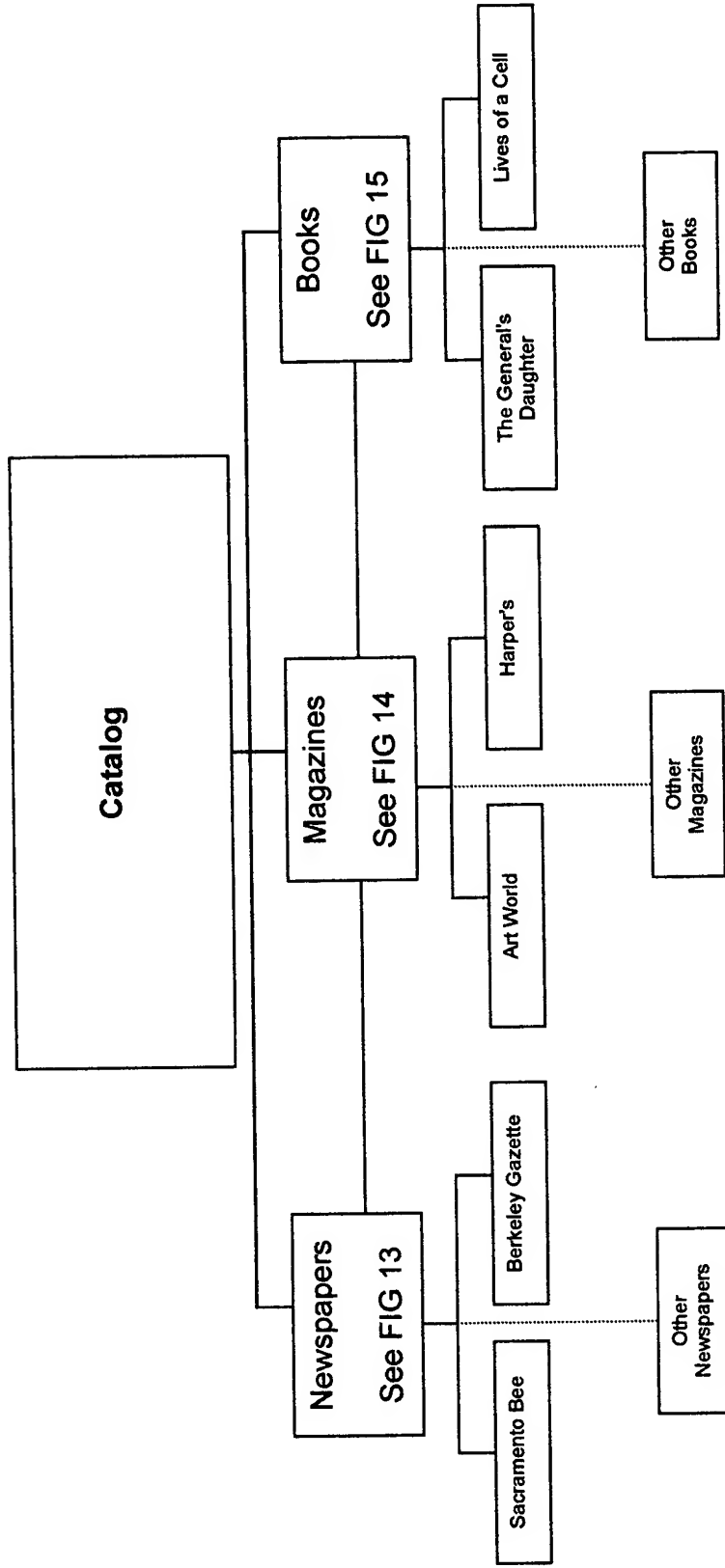
**Figure 15**

Exemplar of Navigation Levels in Books

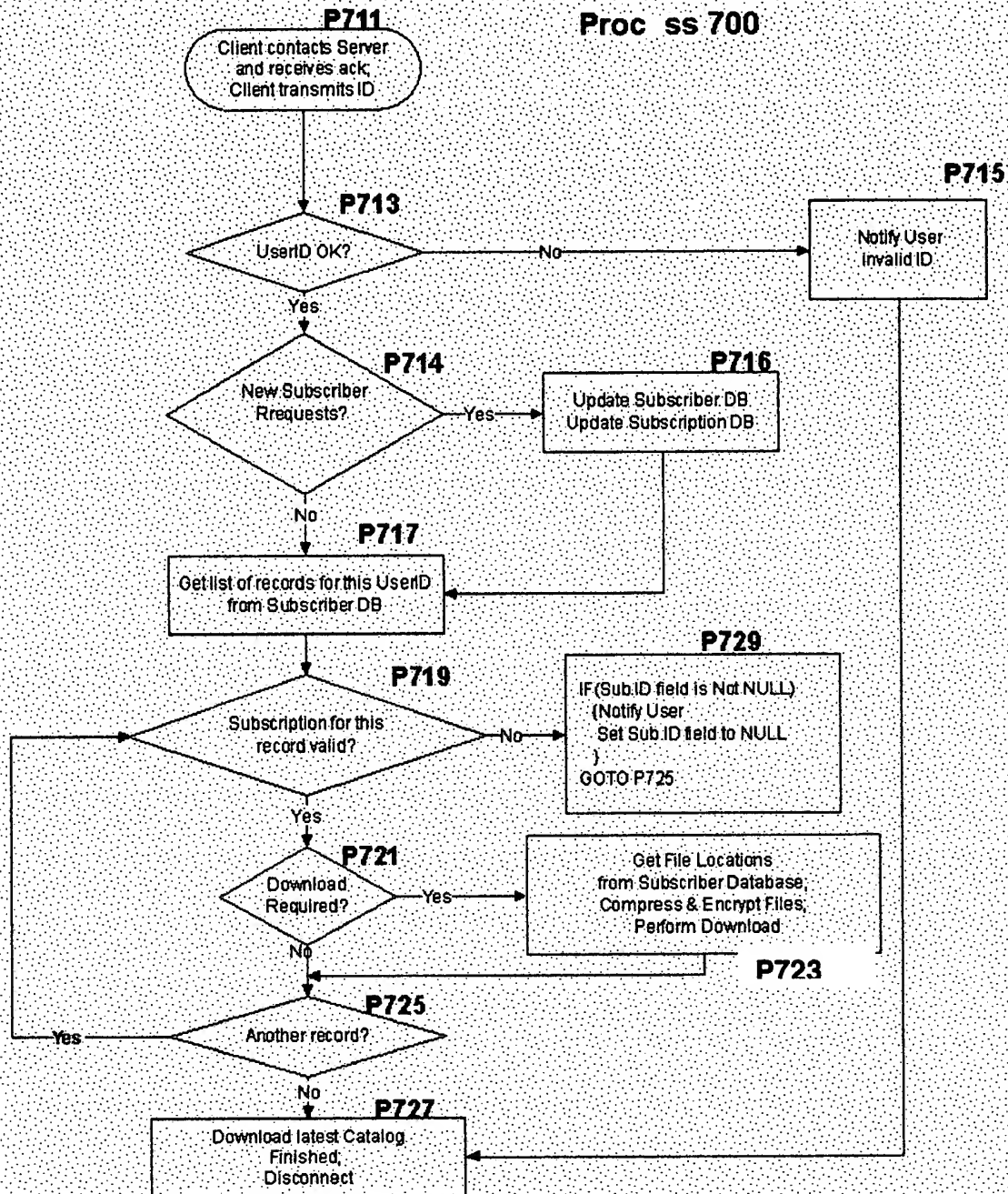


# FIGURE 16

Exemplar of Catalog





**Figure 17****Proc ss 700**

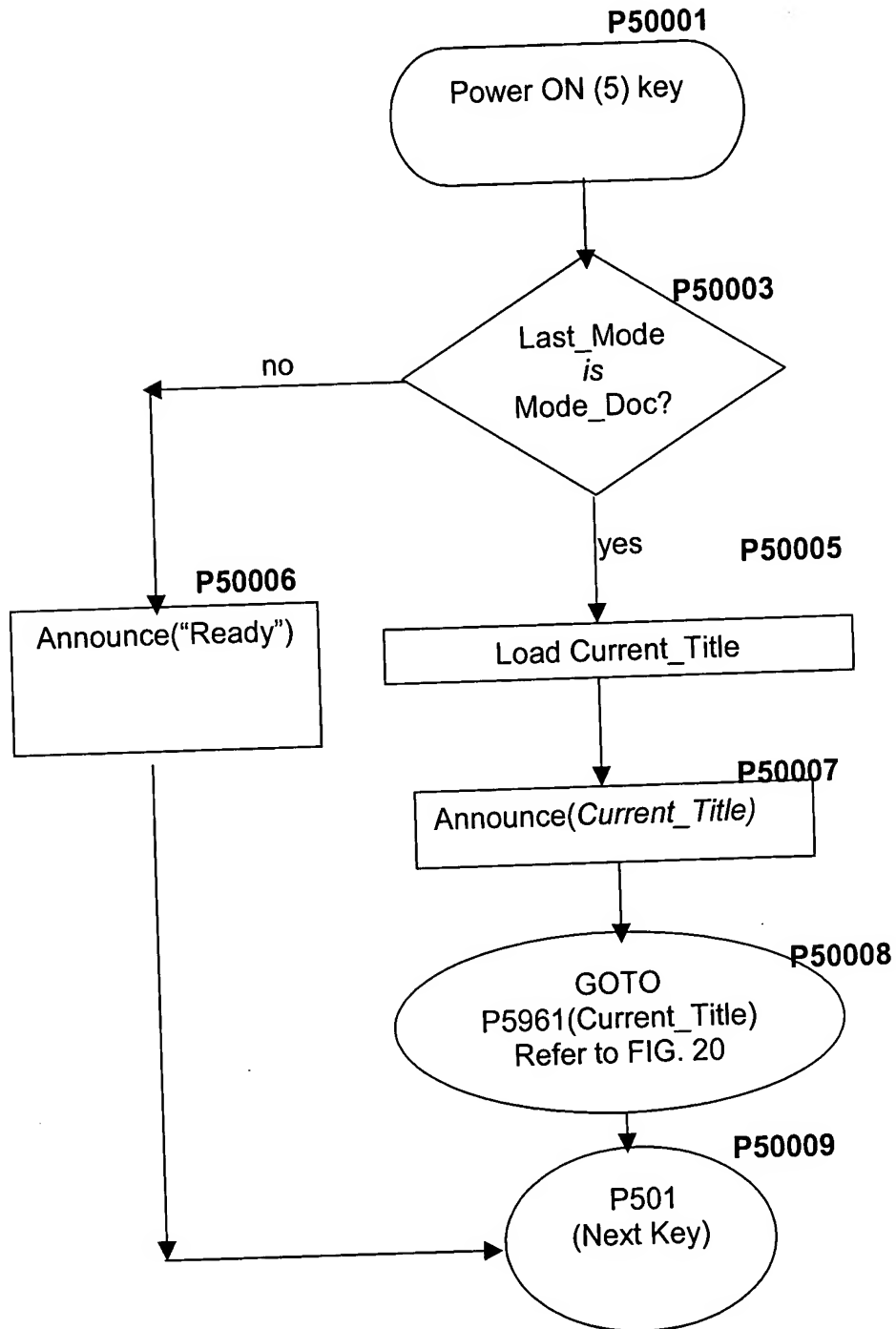
+

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**Figure 18****Preferred Key Functions**

<b>1</b> Volume Down (Fast Reverse)	<b>2</b> Up (Top)	<b>3</b> Volume Up (Fast Forward)
<b>4</b> Back (Beginning)	<b>5</b> Select/Read/Jump/SPELL/ On (Where am I)	<b>6</b> Forward (End)
<b>7</b> Library (Undo)	<b>8</b> Down (Bottom)	<b>9</b> Table of Contents
<b>* (11)</b> Next Bookmark (Last Bookmark)	<b>0</b> Pause On/Off (Spell Mode)	<b># (12)</b> Set Bookmark Bookmark List*
<b>13</b> Settings List (Delete)	<b>14</b> Exit (Favorites List/Add to Favorites)	<b>15</b> Talking Help (Talking User Guide)

+

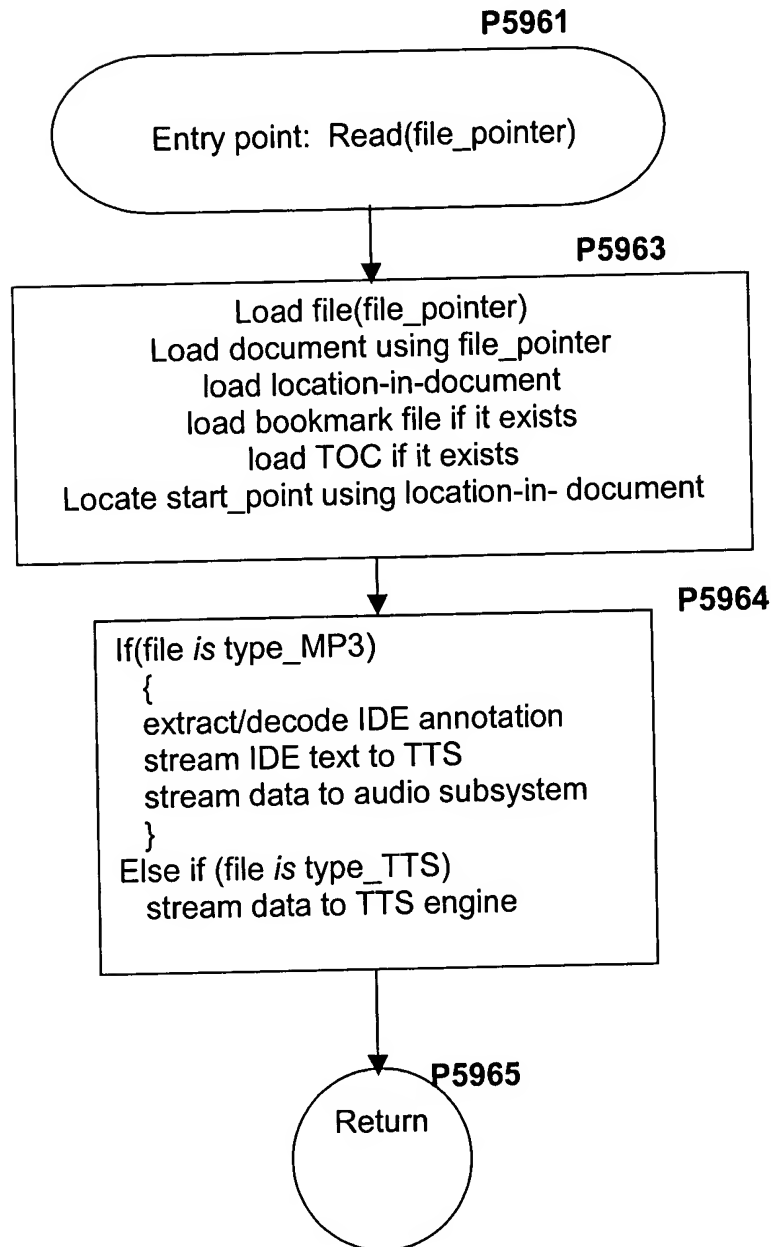
**Figure 19: Power ON****Process 500**

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## Figure 20: Read Routine

Process 596



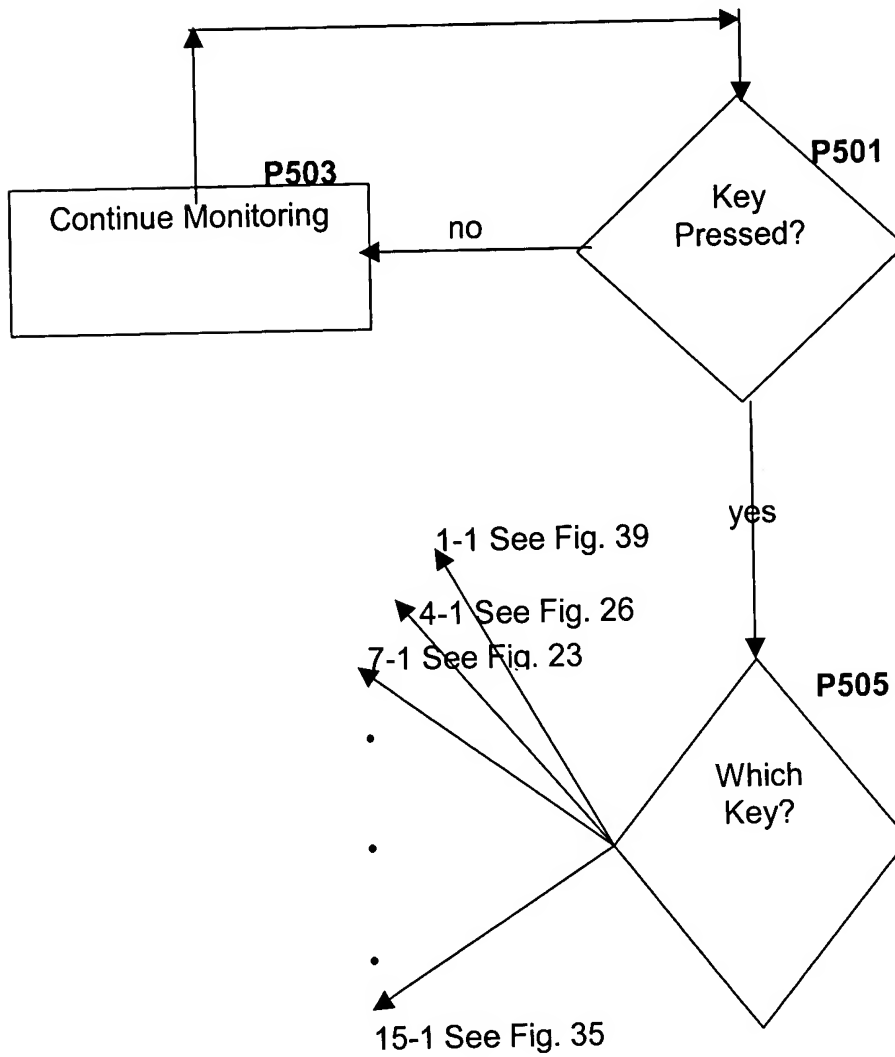
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## Figure 21 Key Monitoring

### Process 501



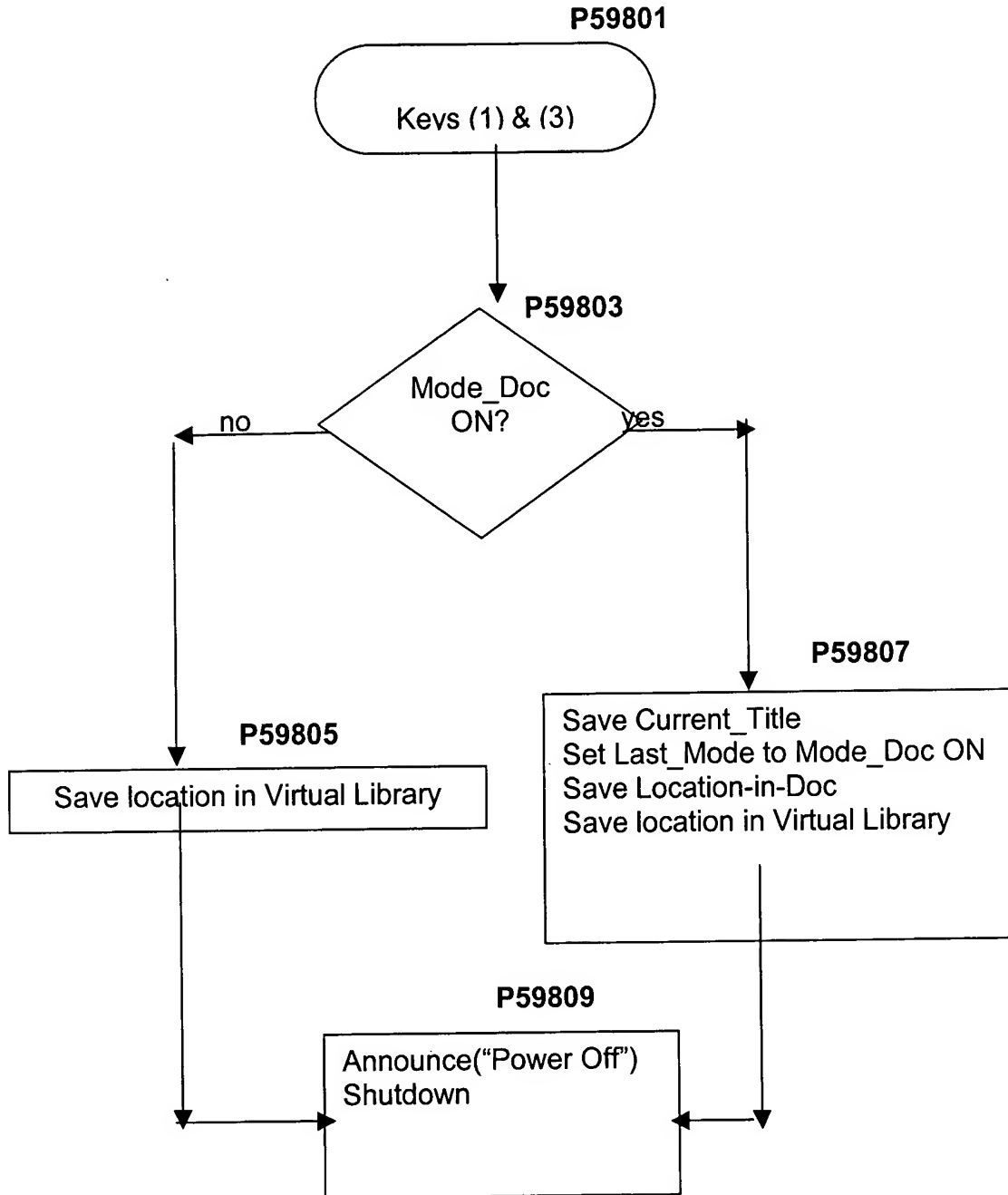
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## Figure 22: POWER OFF (1 & 3 keys)

Process 598



+

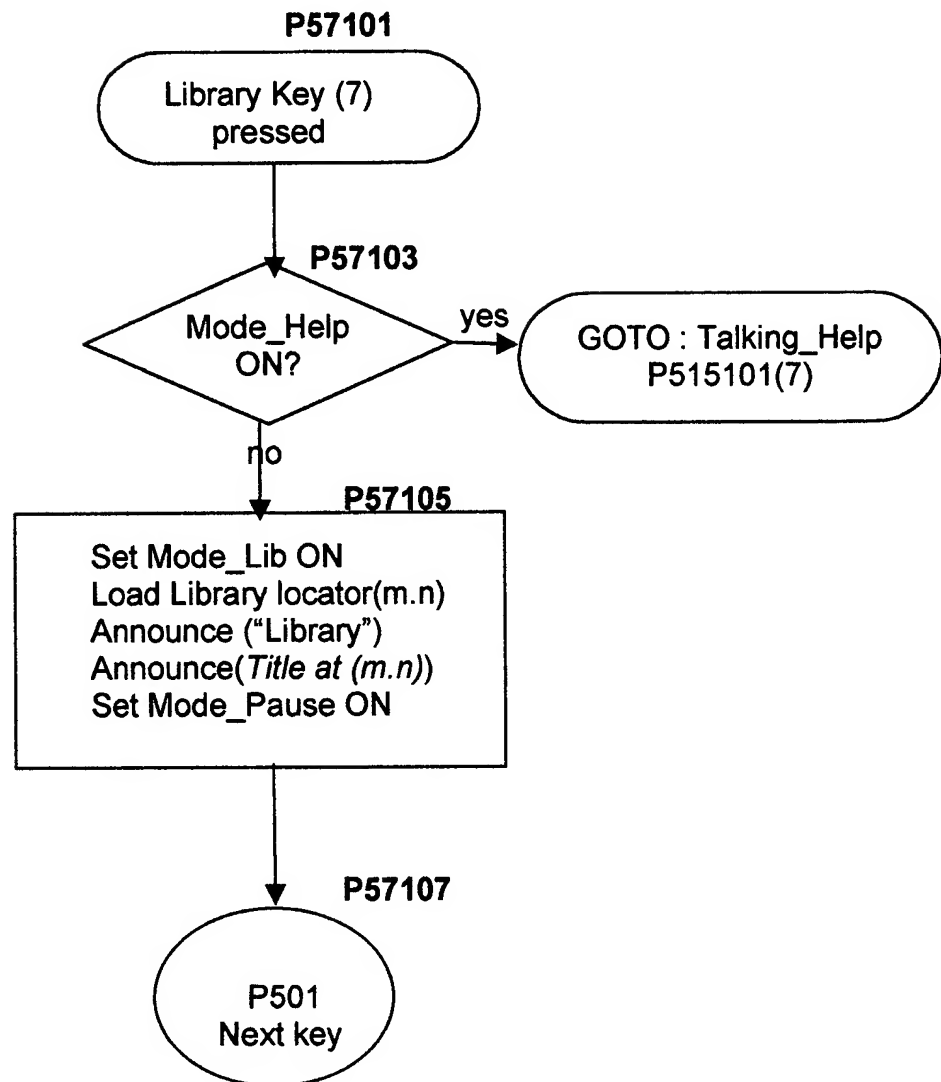
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## Figure 23: Library Key

Key Code 7.1

Process 571



+

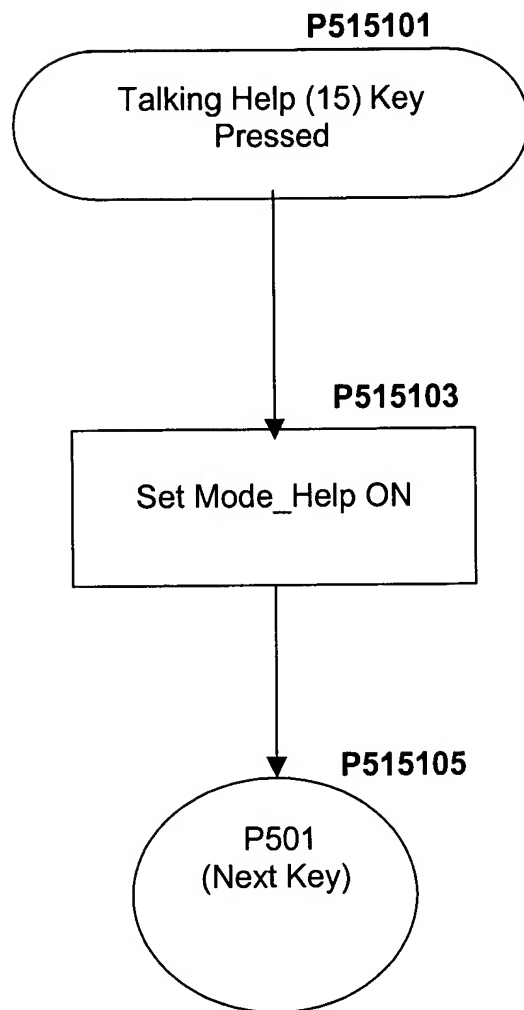
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## Figure 24: Talking Help Key

Key Code 15.1

Process 5151



+



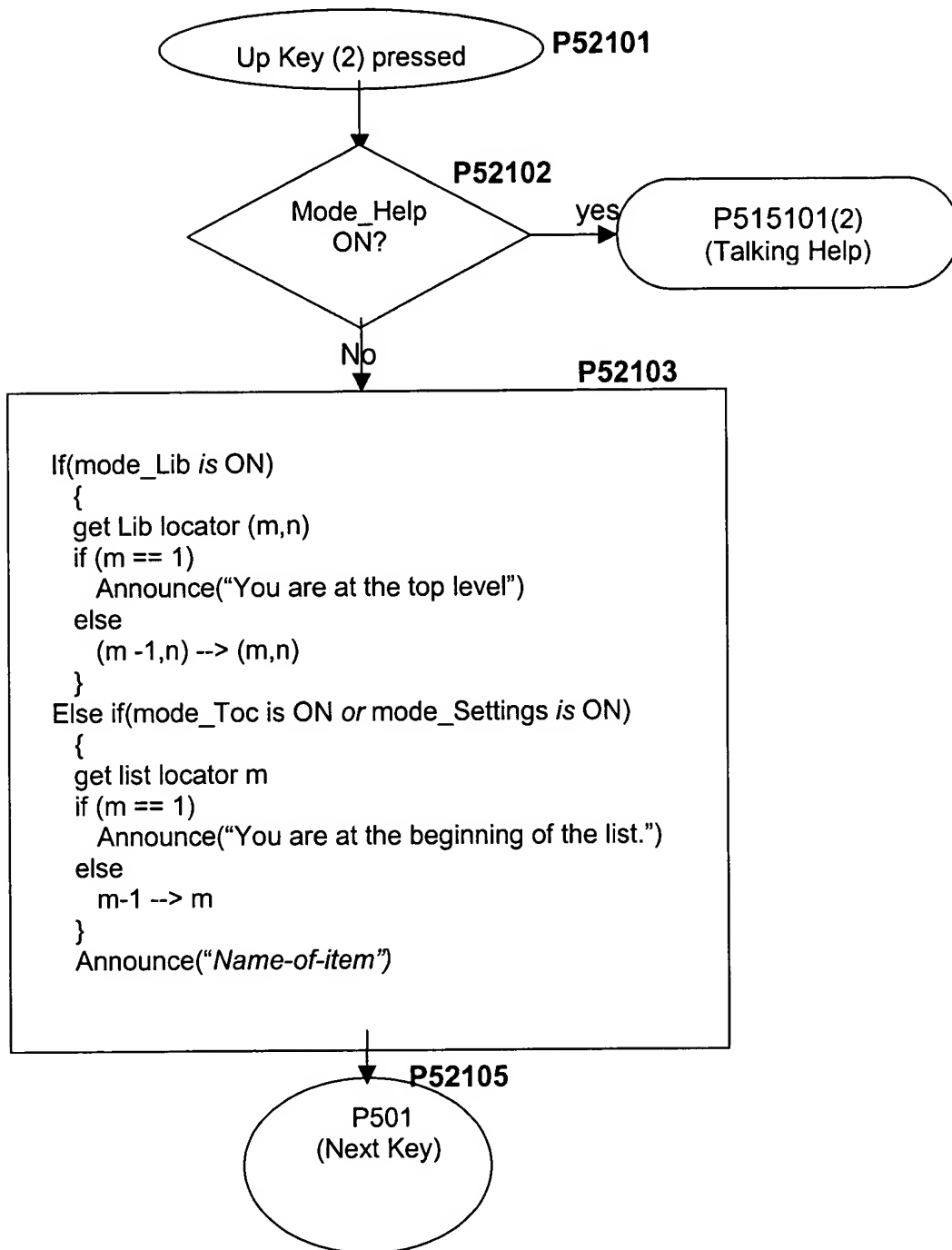
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**Figure 25: Up Key**

Key Code 2.1

Process 521



+

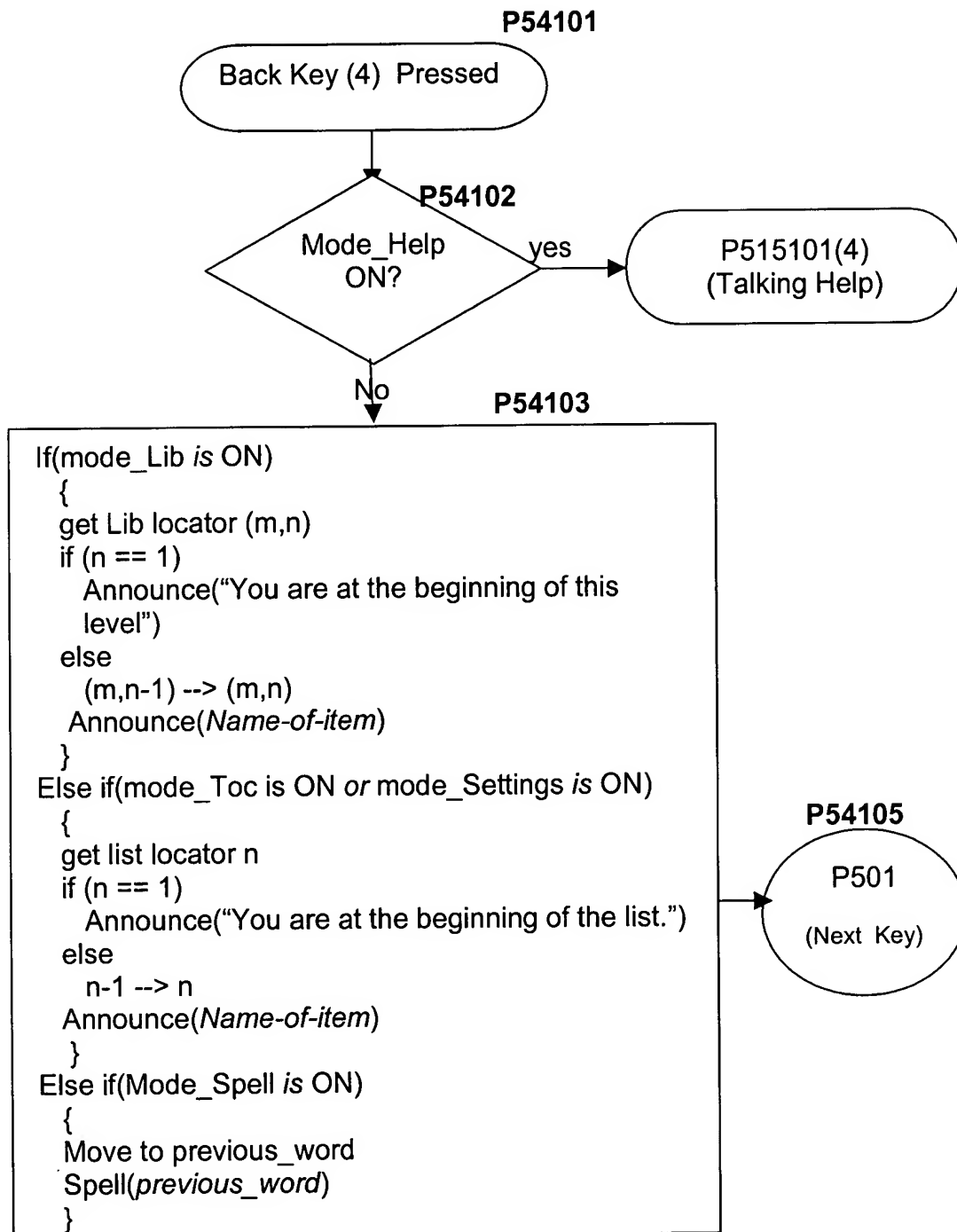
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**Figures 26: Back Key**

Key Code 4.1

Process 541



+

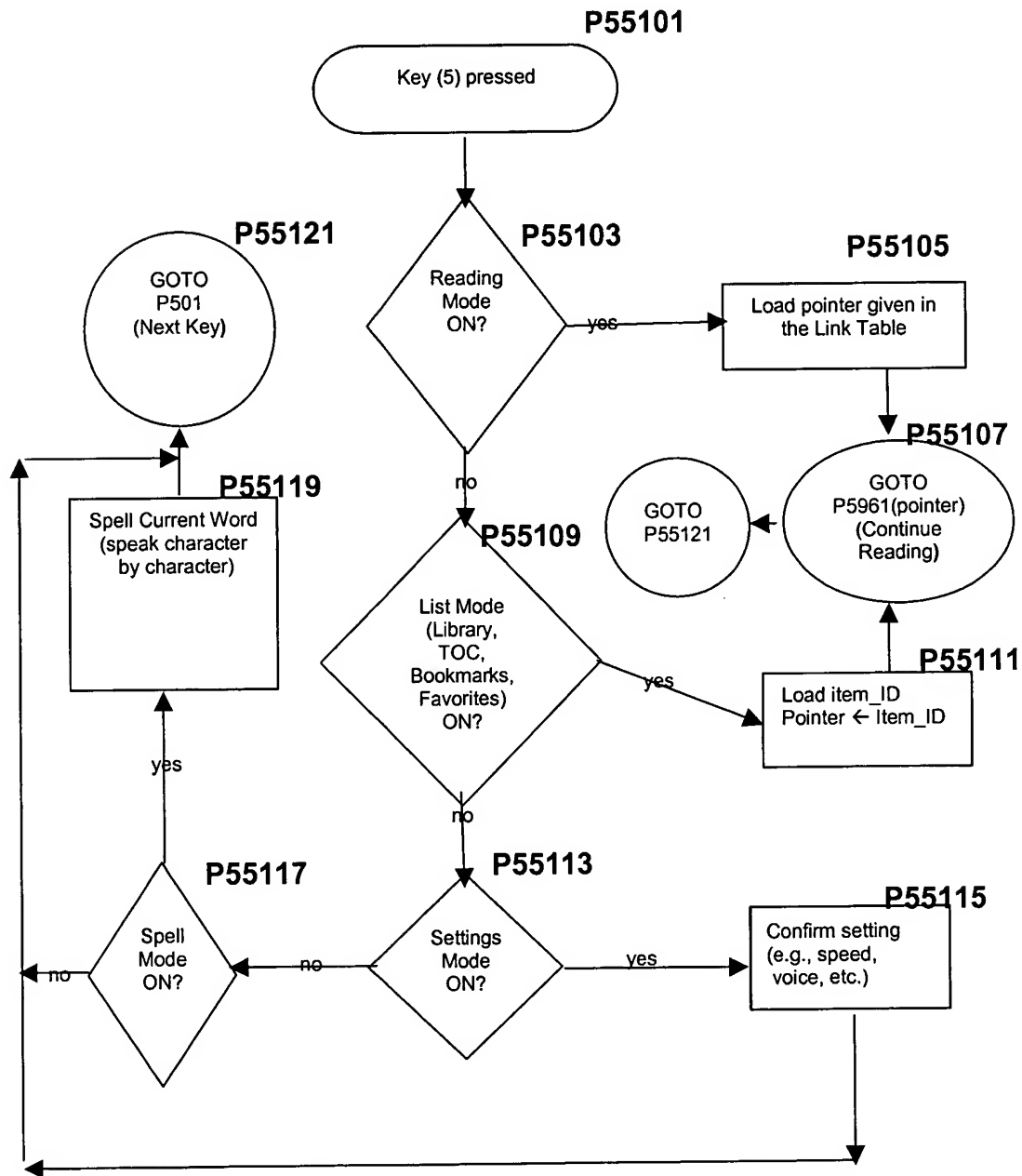
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**Figure 27: Select/Read/Jump/Spell**

Key Code 5.1

Process 551

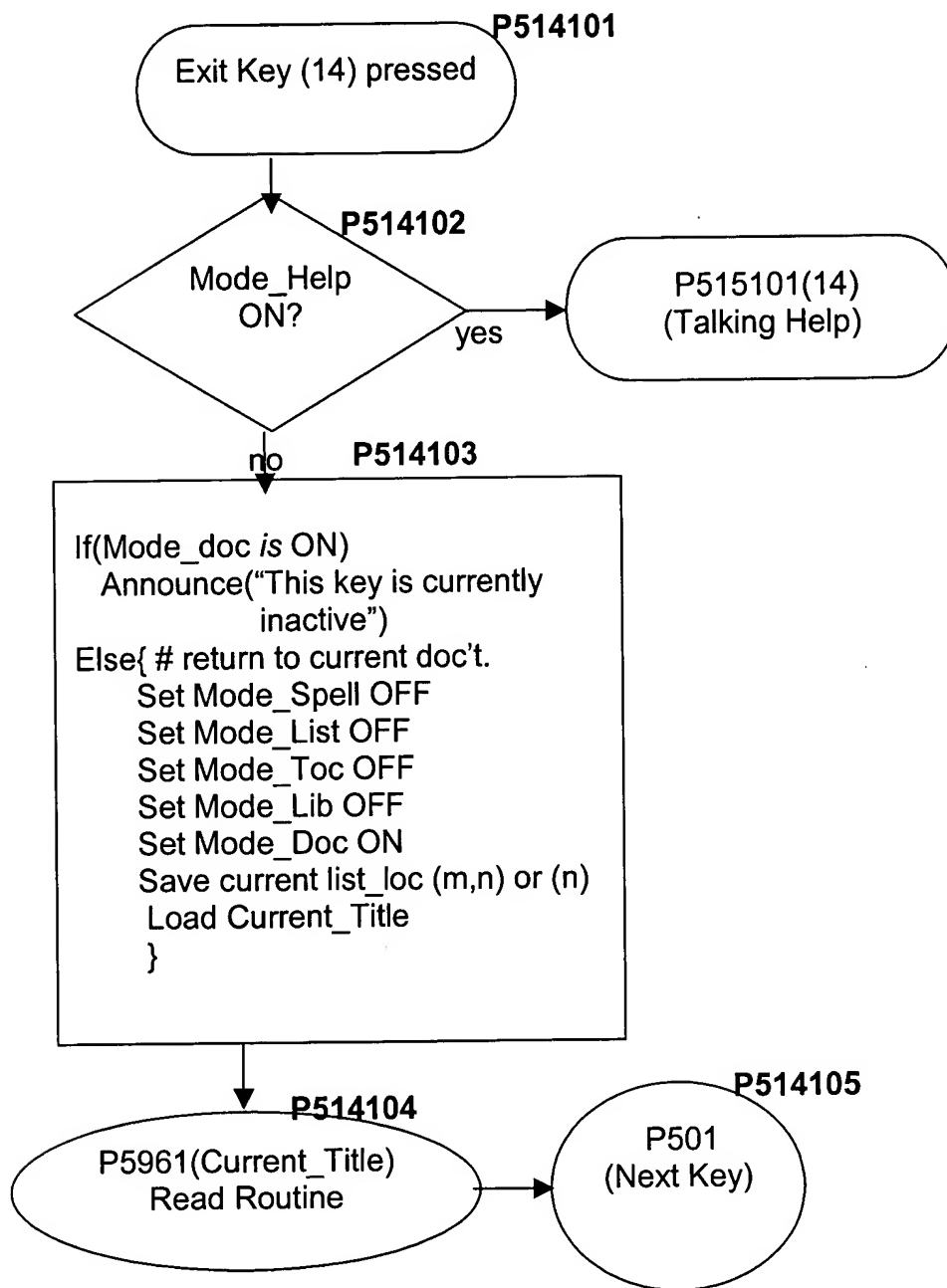


+

**Figure 28: Exit Key**

Key Code 14.1

Process 5141



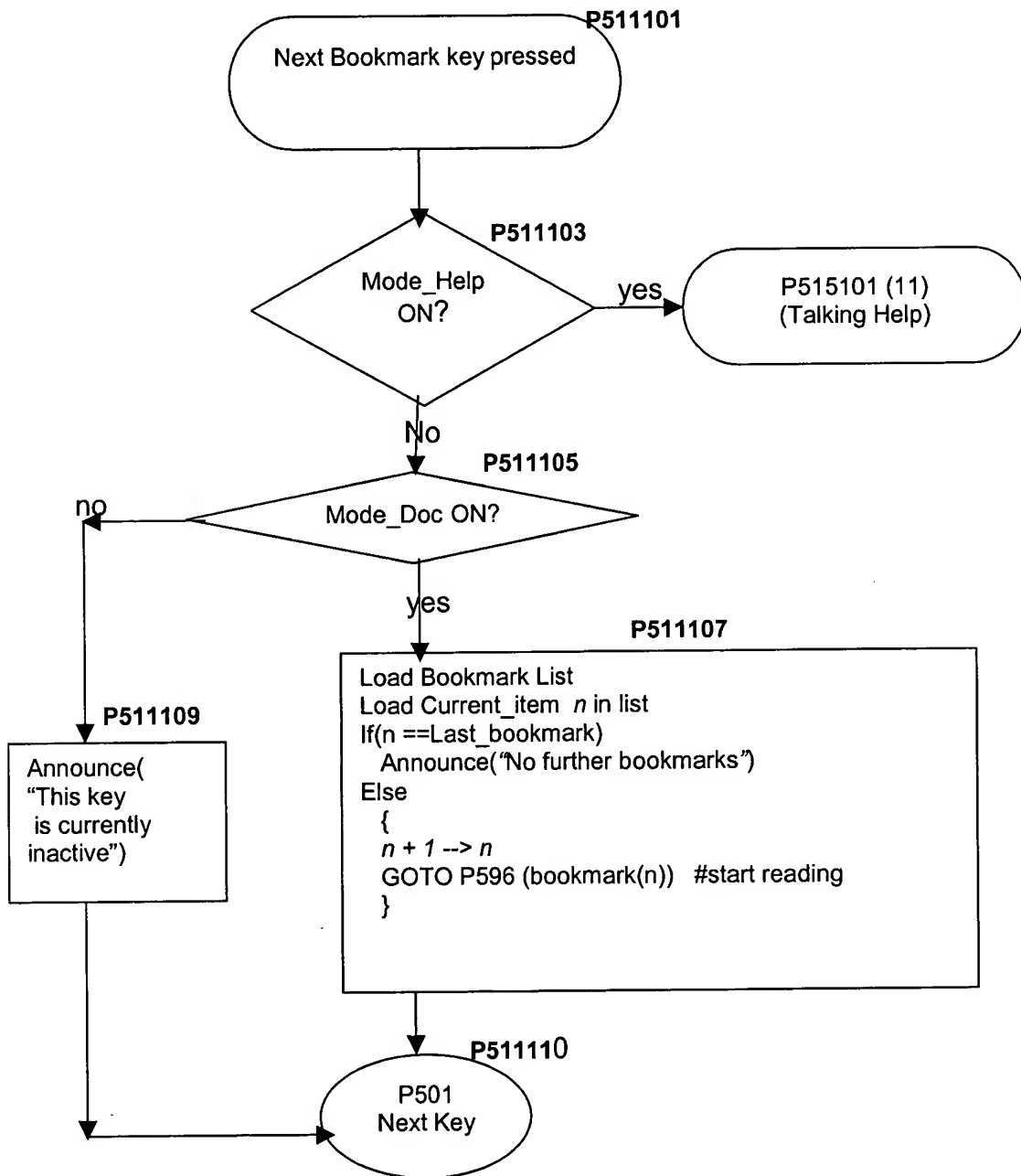
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**Figure 29: Next Bookmark**

Key Code 11.1

Process 5111



+

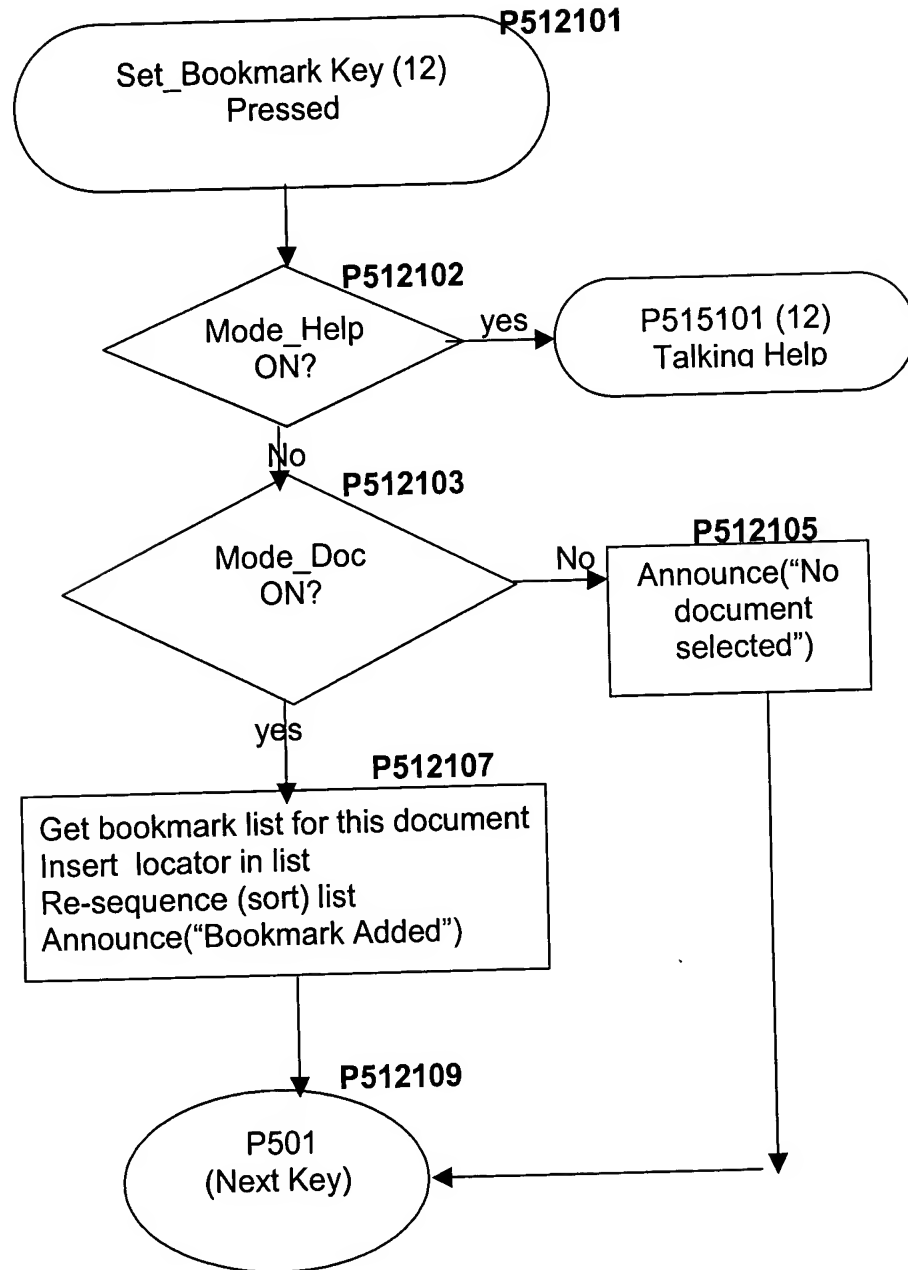
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## Figure 30: Set Bookmark Key

Key Code 12.1

Process 5121



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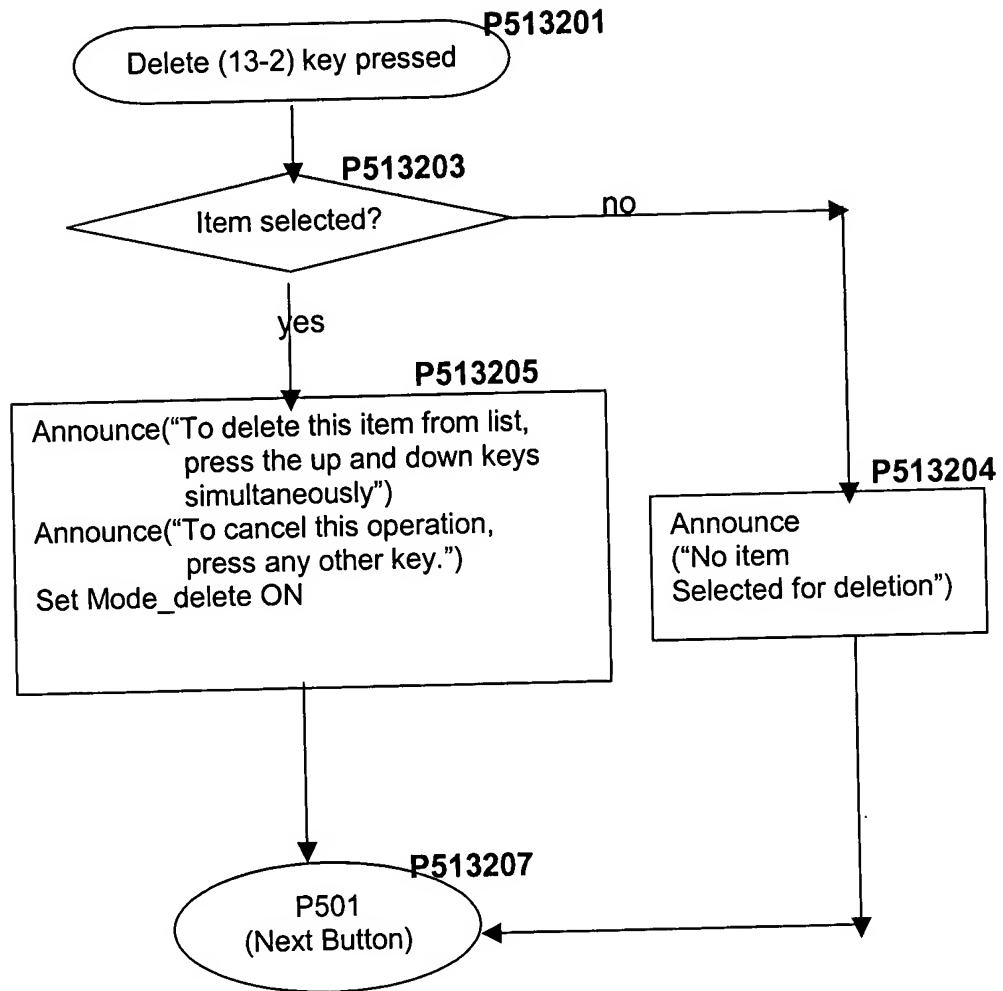
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## Figure 31: Delete File Key

Key Code 13.2

Process 5132



+

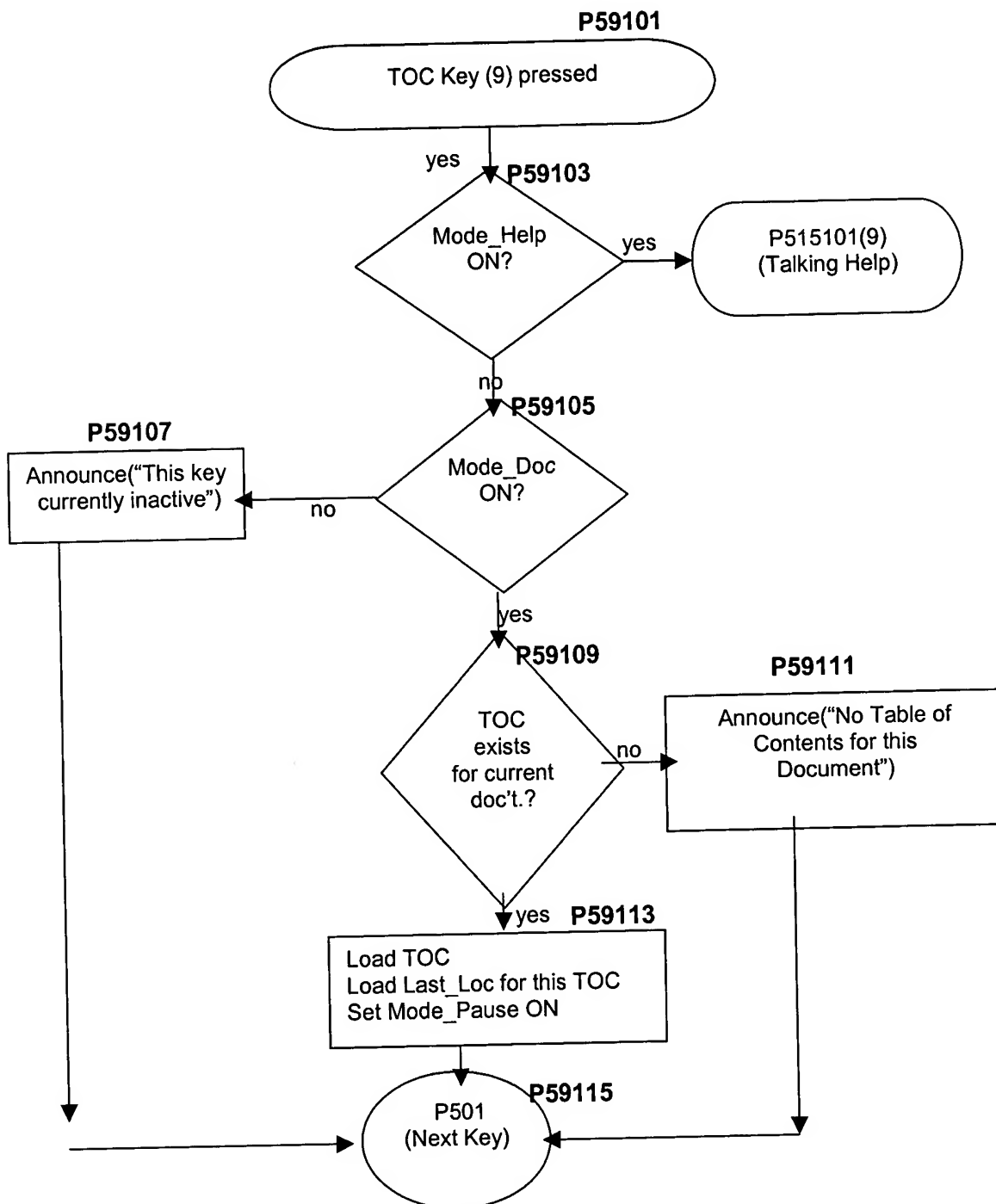
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**Figure 32: Table of Contents (TOC) Key**

Key Code 9.1

Process 591



+

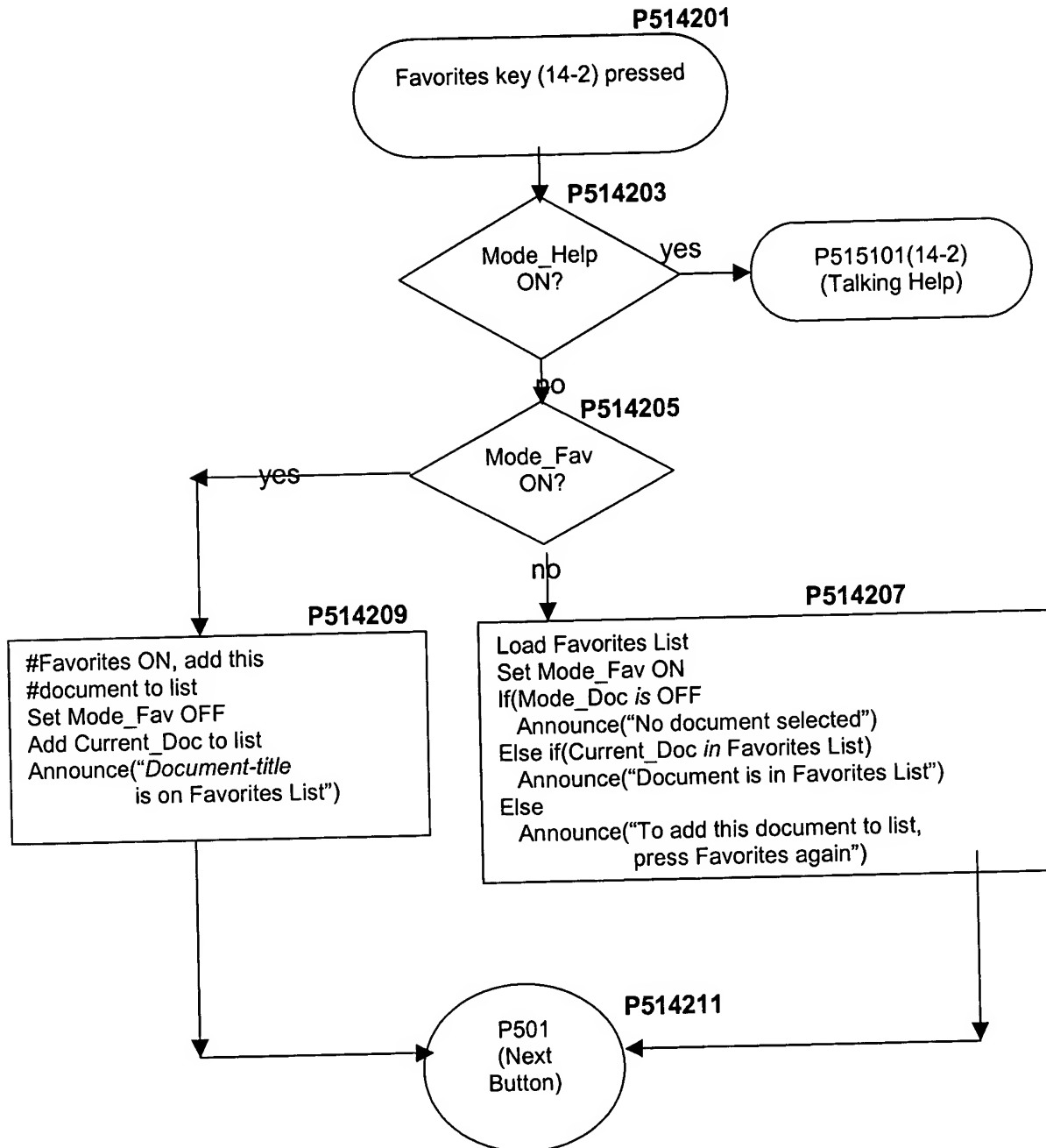


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## Figure 33: Favorites/Add to Favorites Key

### Process 5142



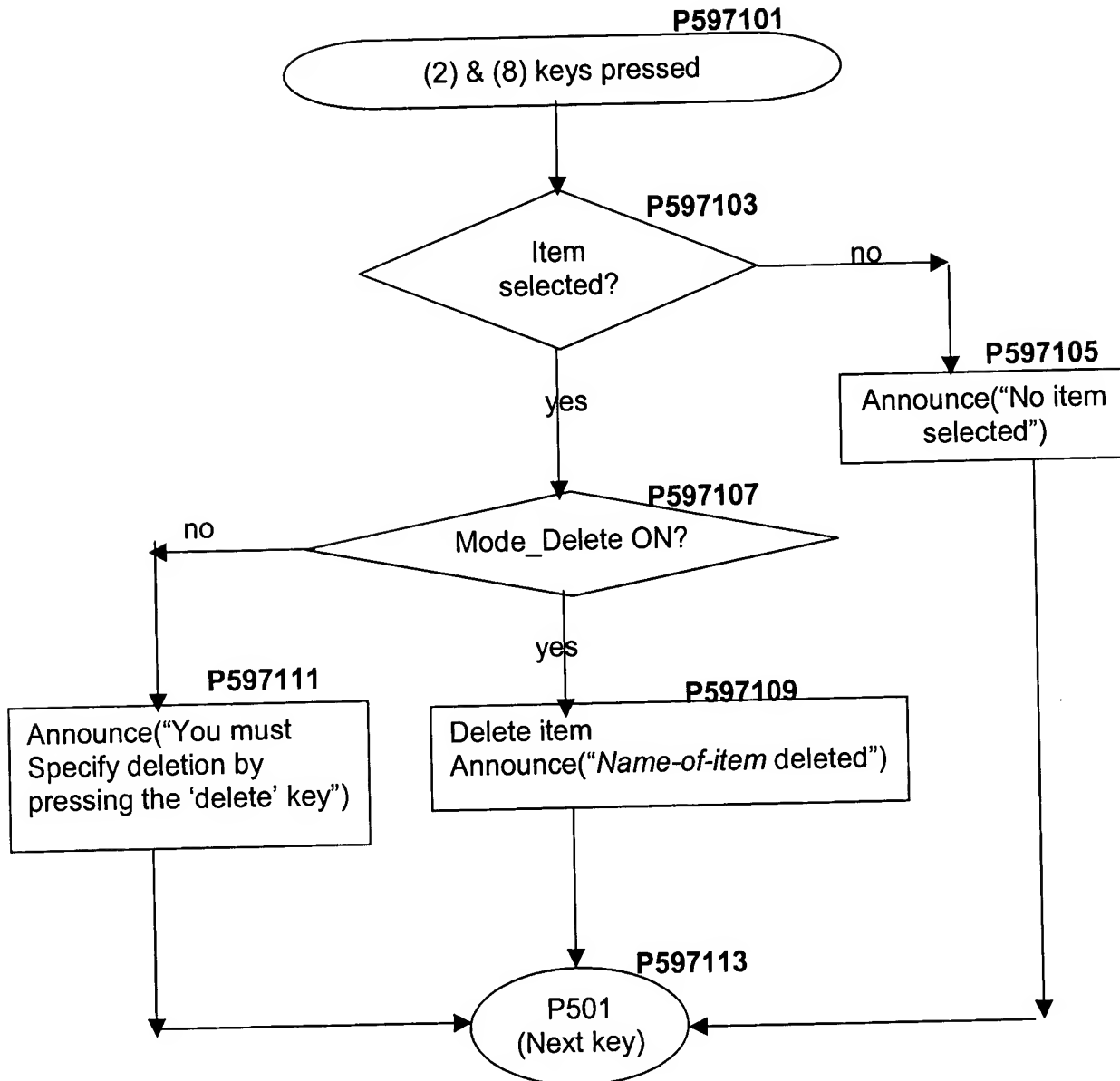
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## Figure 34: Confirm Delete

Process 597



+

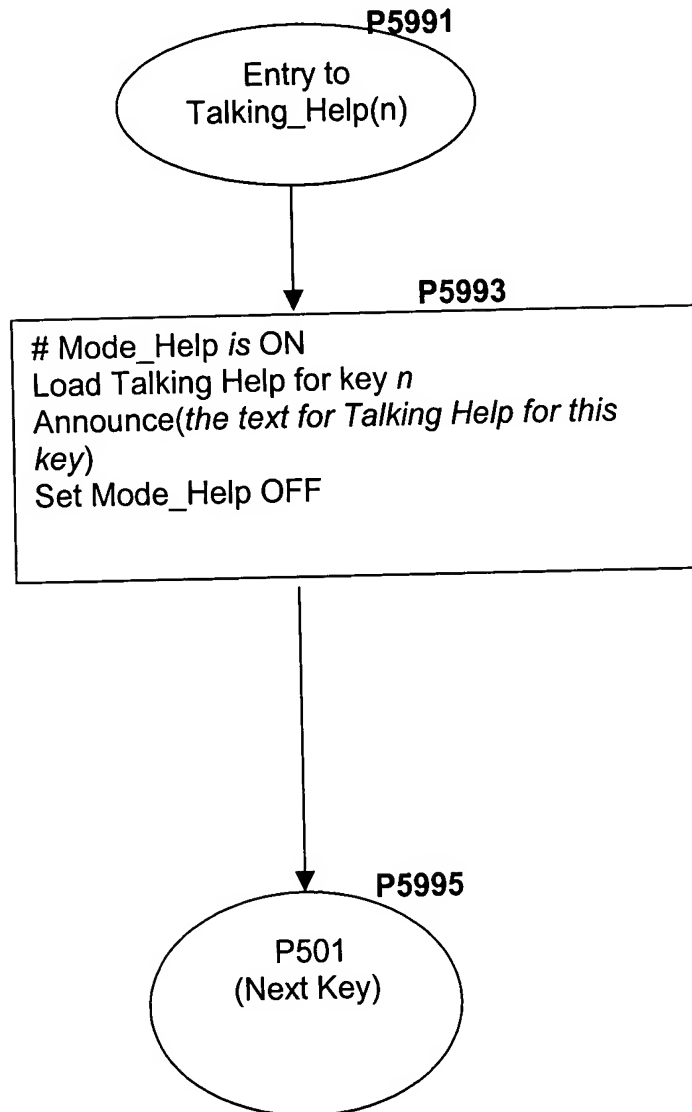
+

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## Figure 35: Talking Help Routine

Process P515101

Parameter *n* is Key number



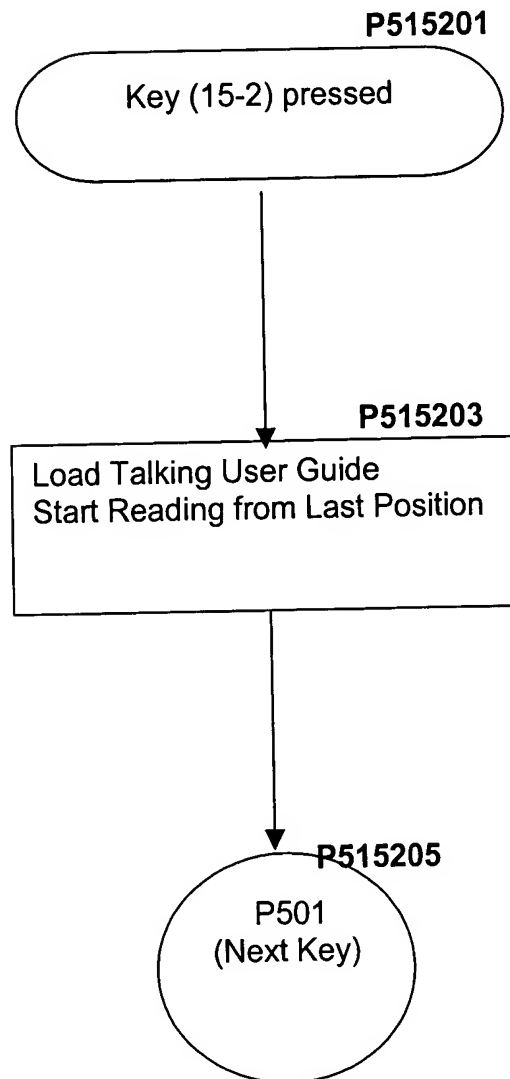
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## Figure 36: Talking User Guide Key

Process 5152



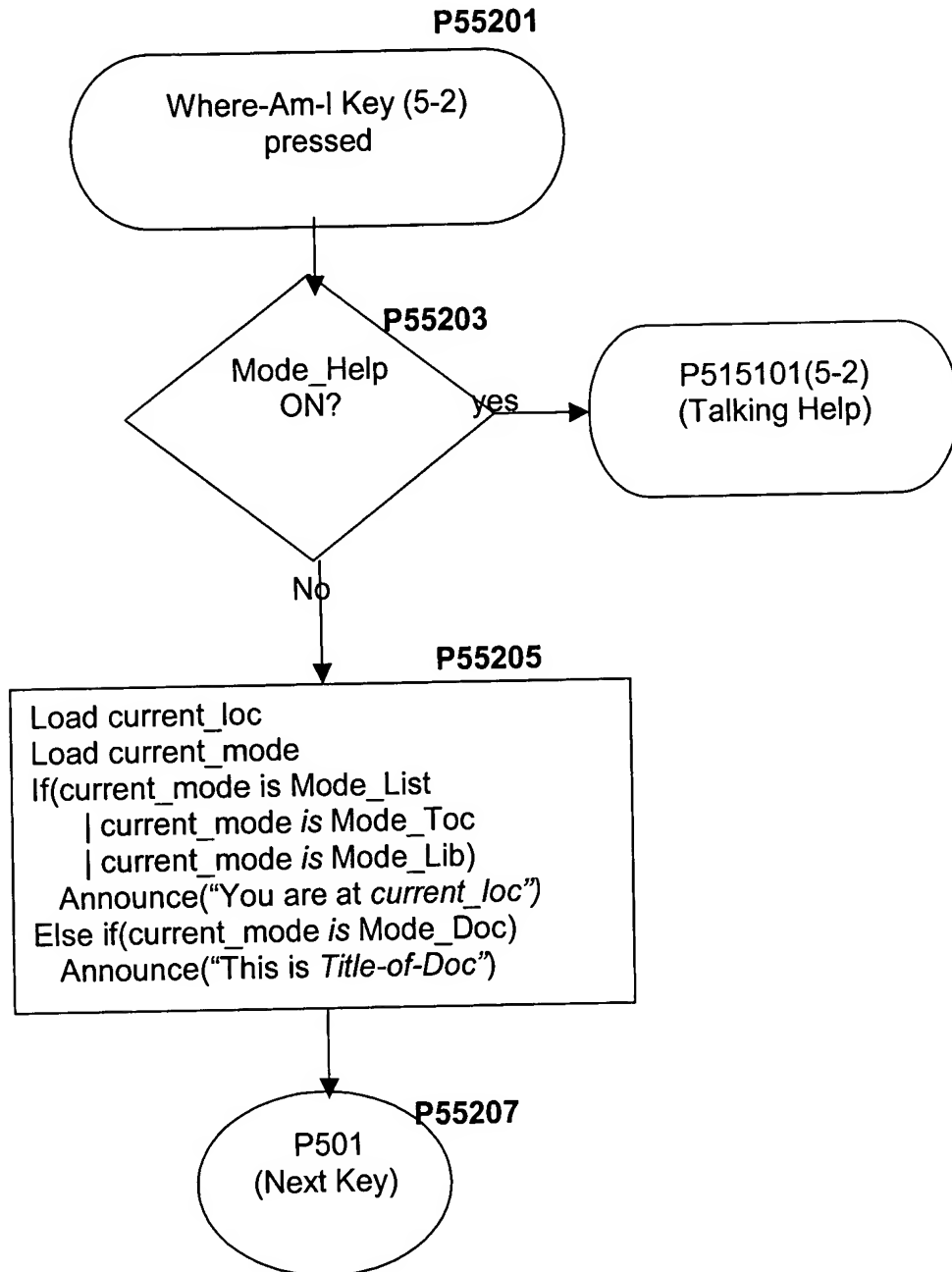
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## Figure 37: 'Where Am I?' Key

### Process 552

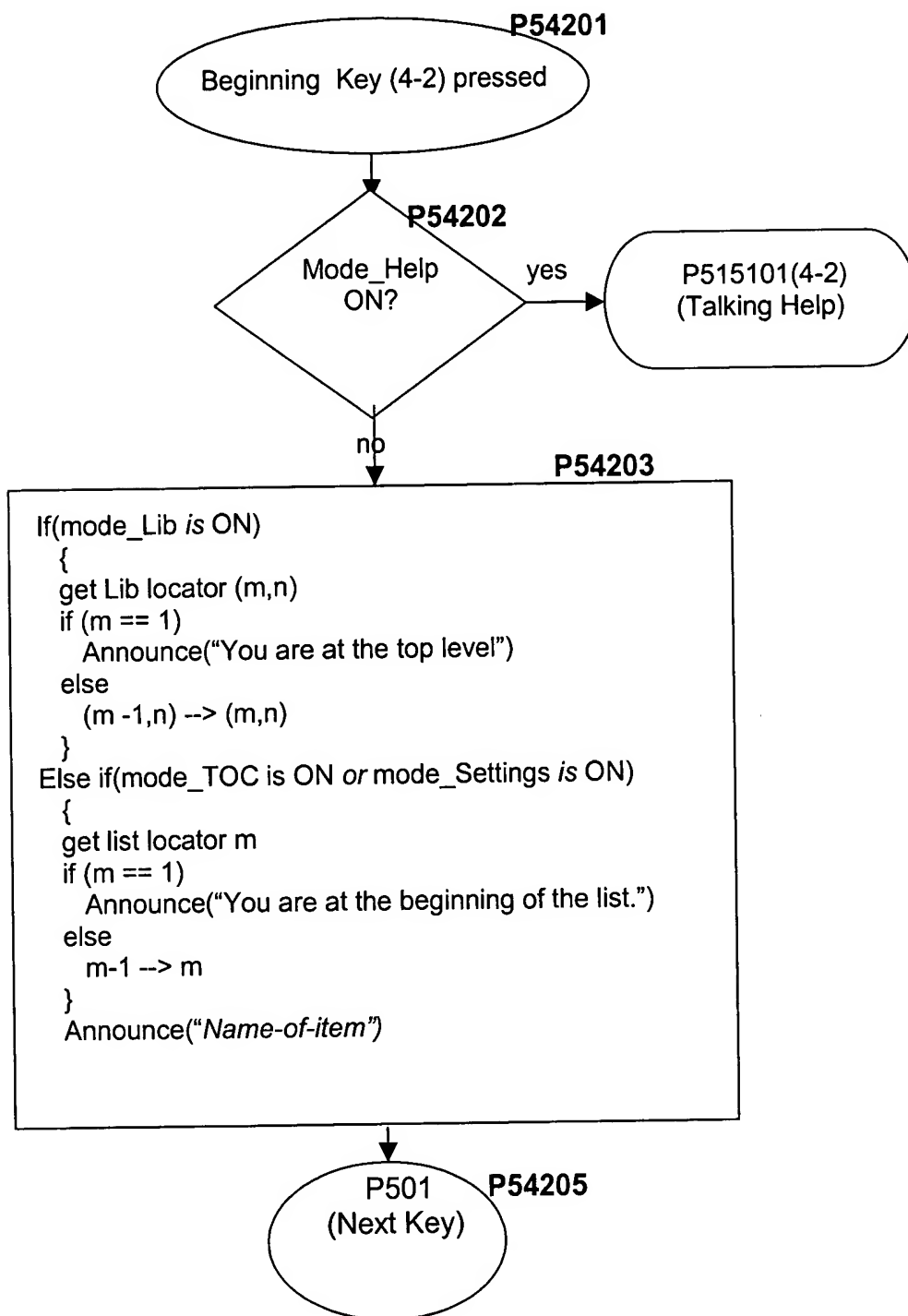


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## Figures 38: Beginning Key Process 542



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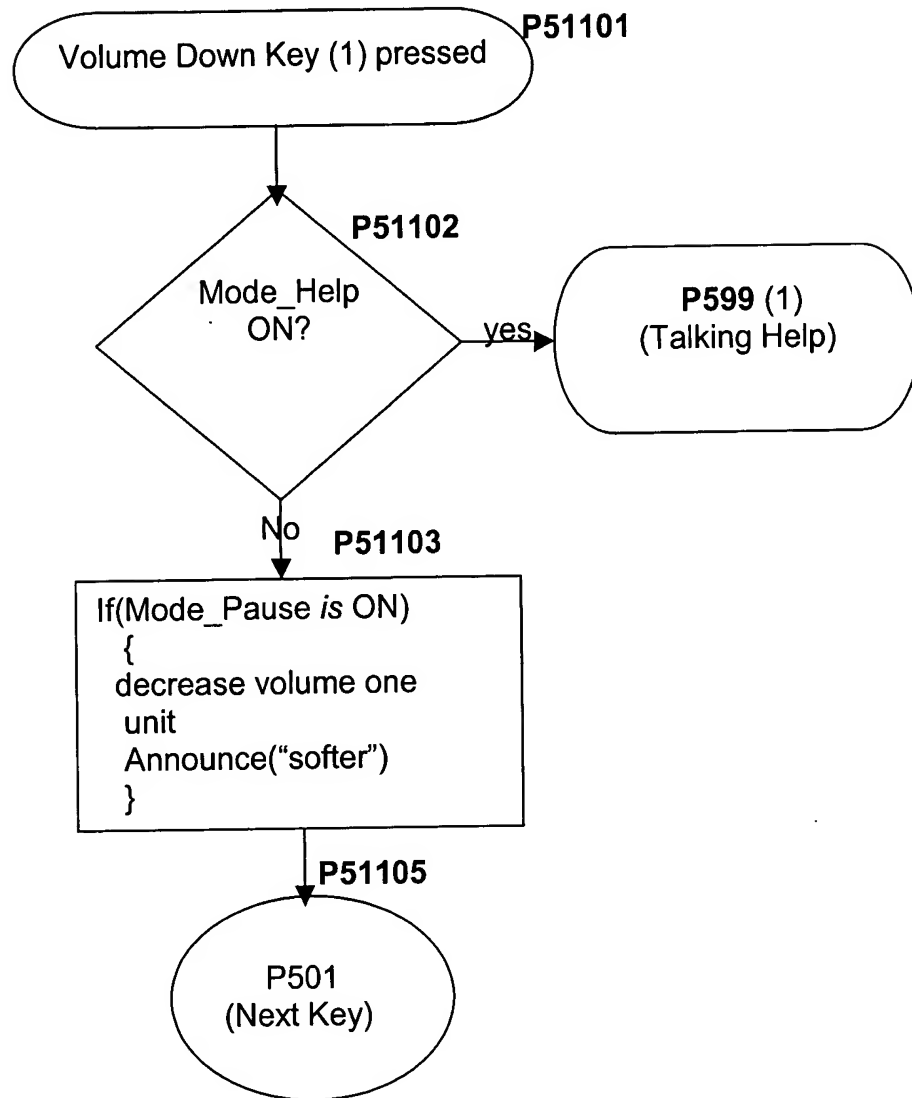
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## Figures 39: Volume Down Key

### Key Code 1.1

### Process 511



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